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## Ped $\mathcal{F}$ lowering $\mathcal{D}_{\text {ogwood }}$

## (CORNUS FLORIDA RUBRA)

The tendency to break up large expanses of lawn by the insertion of small flowering trees is becoming more marked every year, and of all the varieties used for the purpose, none is more satisfactory from every standpoint than the Red Flowering Dogwood. Attractive at any season of the year with its glossy, healthy foliage, a plant of this desirable species is breath-takingly beautiful in spring when its light red flowers unfold almost before the leaves develop. Of course, the Red Dogwood is not limited to lawn use, as they are ideal for the background of shrub plantings and at their supreme best in woodland settings if you are fortunate enough to have a wooded area on your grounds. A tree for every property, large or small, they have only recently become plentiful enough to be offered at prices within easy reach of the average buyer.

## Balled and Burlapped Specimens:

2-3 ft., Each $\$ 2.00 ; 10, \$ 18.00$
$3-4$ ft., Each $\$ 3.00 ; 10, \$ 27.00$
$4-5$ ft., Each $\$ 5.50 ; 10, \$ 49.50$
$5-6 \mathrm{ft} .$,

Although not as spectacular in bloom, the White Flowering Dogwood (Cornus florida) is similar in appearance the rest of the year. In any large planting, both Red and White should be used, the purity of the one complementing the brilliance of the other. Listed on page 21.

Everblooming
TREE ROSES

Formerly a luxury found only in the expensive gardens of the very wealthy, Tree Roses are now available at a price that will permit the use of at least one or two in any modern garden. Blooming wood of a free-flowering variety, usually a Hybrid Tea, is top-grafted on a strong $41 / 2$-foot stem of another variety, creating a formal plant with flowers at eye level, producing flowers just as perfect in form and as liberal in quantity as the same variety in conventional bush form. They can be effectively used anywhere in the garden with perfect harmony and are especially effective as accent points or in pairs along paths, drives, etc. Available in the following varieties:

C. K. Douglas<br>Grenoble<br>E. G. Hill<br>Marcia Stanhope<br>Mme. Herriot<br>K. A. Victoria<br>Edel<br>Mrs. E. P. Thom<br>\section*{Sensation}<br>Talisman<br>Mme. Butterfly<br>Mrs. W. C. Miller<br>Mrs. Henry Bowles<br>Briarcliff<br>Joanna Hill<br>Edith Nellie Perkins Primrose Climbing



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## Greetings

## FROM STORRS and HARRISON, Inc. IN THE SPRING OF THEIR 87th YEAR

The officers and men of $\mathrm{S} . \mathcal{E} \mathrm{H}$. appreciate the tremendous responsibility of maintaining the high business and horticultural standards that have come down to us through these many years of dealing with our customers-but we have willingly dedicated ourselves to the task. We do not think in terms of being 87 years old-but rather in terms of being 87 years young. It is necessary that we adopt this viewpoint, since ever-changing business conditions, as well as the constant stream of new materials to be placed on the market, requires us to be ever alert and calls upon the best that is in us as business men and horticulturists.
S. $\mathcal{G}$. holds a unique position in the horticultural field because they are not just nurserymen, or florists, or seedsmen-but all three combines. We are a source of supply-a sort of reservoir of horticultural material of all kinds-from which gardeners or orchardists (whether large or small, amateur or professional) can obtain the materials to carry out their plans.

It has been and will continue to be our policy to offer a complete list of materials that represent the survival of the fittest in the battle for popular favor. New materials are offered from time to time-but only when we have been convinced of their merit-not just because they are new.

We jealously guard our reputation for top quality, as well as the ability of our Packing Department to place such materials in the hands of our customers (wherever they may be) in proper condition for planting.

Respectfully yours,
STORRS \& HARRISON, Inc.,


Vice-Pres. $\mathcal{E}$ Gen. Mgr.


## Hardy Perennials

The strongest practical argument in favor of hardy perennials is the fact that, once planted, they continue year after year with no further gardening concern beyond cultivation, cutting, and thinning. In all descriptions, we aim to show normal matured height, blooming period, color and any special quality or utility; so that the reader may easily select and associate varieties to fit any desired purpose.

> Planting. Perennials may be planted as early in the spring as the ground is friable, or in autumn before ground is frozen. Large clumps are not necessary nor often desirable; the small divisions or pot-grown stock showing more thrift, vitality and development than the bulkier old roots. Any good soil enriched with fertilizer, dug deep and thoroughly mixed will be satisfactory
> Winter Protection. Everything listed in this section is "hardy" but in varying degrees. A light covering of coarse straw, manure or leaves (not
over 2 or 3 inches deep) will give protection to all kinds, and insure safety.

> This Sign (B) Designates a Rock Plant

Achillea tomentosa


This Is How We Price Them BY MAIL: We pay the postage. THREE the least number practical for planting, for show and for cutting. If you can use only one plant, the price is (unless stated) one-half the three rate. DOZ. (6 of a kind take the dozen rate.) A dozen, or half-dozen of each are much more impressive than lesser lots.

100 BY EXPRESS. You pay the charges ( 25 of a kind take the hundred rate.) Landscape effects require solid masses.

## Achillea - Yarrow or Sneezewort

FILIPENDULINA. FERNLEAF YARROW. $2-3 \mathrm{ft}$ high. June to Sept Flowers bright yellow in flat topped heads with lace-like foliage.
Three, 80 c ; doz., $\$ 2.50 ; 100, \$ 15.00$.
PTARMICA, BOULE DE NEIGE. 18 in . The best white flowered edging plant; erect stiff stems and compact clusters; fully double, pure white June and July. Three, 80c; doz., \$2.50; 100, \$15.00 PERRY WHITE. $21 / 2 \mathrm{ft}$. Rigid upright stems; clustered double white flowers, superior for cutting. June and July,

Three, 80c; doz., \$2.50; 100, \$15.00.
PEARL. PEARL SNEEZEWORT. 3 ft . A valuable landscape type, with pure white flowers in midsumme

Three, 80c; doz., \$2.50; 100, \$15.00.
®TOMENTOSA WOOLLY YARROW. A low mat of leaves bright with
flat heads of yellow flowers in June. $\begin{aligned} & \text { Three, } 95 \text {; doz., } \$ 2.90 ; 100, \$ 17.50 ~\end{aligned}$

## Ajuga - Bugle

A useful plant for the rockery or as a ground cover, particularly in shaded positions, as under trees, or where grass will not grow.
® GENEVENSIS. GENEVA BUGLE. Grows 6-8 inches high, dense spikes of blue flowers in May and June. Three, 80c; doz., \$2.50; 100, $\$ 15.00$ ©REPTANS RUBRA. 3-4 in. May and June. Flowers purplish blue Three, 80c; doz., $\$ 2.50 ; 100, \$ 15.00$.
© REPTANS VARIEGATA. VARIEGATED CARPET BUGLE. Same as above except that the leaves are splashed and edged with creamy yellow

## Alyssum - Madwort

Attractive early flowering dwarf perennials suitable for the rock gar den, dry wall, or the front of the border
BARGENTEUM. SILVER ALYSSUM Leaves silvery gray flowers yellow clusters. 12-15 inches Three, 80c; doz., $\$ 2.50 ; 100, \$ 15.00$. MOELLENDORFIANUM.
ves, yellow flowers
Three, $\delta 0 \mathrm{c}$; doz., $\$ 2.50 ; 100, \$ 15.00$. MONTANUM. The fragrant yellow flowers are carried well above the gray-green foliage. Three, 80c; doz., \$2.50; 100, \$15.00. ®SAXATILE COMPACTUM. DWARF GOLDENTUFT. Height, I ft. April and May. Bright yellow flowers and grey-green foliage. One of the best early sprina flowers. Three, 80c; doz., $\$ 2.50 ; 100, \$ 15.00$

## Anchusa - Bugloss

ITALICA DROPMORE. DROPMORE BUGLOSS. 3-5 ft. Intermittent bloom until late summer, each stem nearly covered full length with double inch-wide flowers, of the deepest cobalt-blue.
MYOSOTIDIFLORA SIBERIAN BUThree, 80c; doz., $\$ 2.50 ; 100, \$ 15.00$ arge foliog fied Forget-Me-Nots; in a rich gentian-blue.

Three, \$1.10; doz., \$3.30; 100, \$20.00.

## Anemone - Windflower

BHUPEHENSIS. A miniature Japonica. 10-12 inches; in protuse bloom from August to frost, with $11 / 2$-inch single flowers colored bright mauve-rose.
IAPONICA ALBA. WHITE JAPANESE, 95 c ; doz., $\$ 2.90$; 100, $\$ 17.50$. JAPONICA ALBA. WHITE JAPANESE ANEMONE. A valuable hardy plant suitable for massing or single specimens. They grow rapidly 2 or 3 feet and are profuse in bloom, gaining strength and beauty each year. The blooming period extends from August until midNovember. Three, 80c; doz., \$2.50; 100, \$15.00. KRIEMHILDE. A double-flowered pink sort. Fine for cutting Three, 80c; dox., \$2.50; 100, \$15.00. QUEEN CHARLOTTE. Semi-double flowers of La-France-pink., $\$ 15.00$ RUBRA. Brilliant rose-red; yellow center. ${ }^{\text {che }}$; doz., $\$ 2.50 ; 100, \$ 15.00$ SEPTEMBER CHARM. Silvery pink; profuse. Three, 80c; doz., \$2.50; 100, \$15.00 WHIRLWIND. 2-3 ft. September to mid-November. Large, double white flowers on long thin stems. Excellent for cutting. ®PULSATILLA RUBRA. EUROPEAN PASOUC; doz., $\$ 2.50 ; 100, \$ 15.00$ Produces violet or purple flowers during April and May. Plant in full sun in the rockery or border.

Three, $\$ 1.10$; doz., $\$ 3.30 ; 100, \$ 20.00$.

## Anthemis - Camomile

Free flowering perennials with aromatic, elegantly cut foliage and daisy-like flowers that are especially fine for cutting.
AIZOON. A dwarf compact plant, silvery foliage, with small white KELWAY. KELWAY CAMOMILET, $\$ 1.20$; doz., $\$ 3.70 ; 100, \$ 12.50$ KELWAYI. KELWA CAMOMILE. 18 inches high. Golden yellow flow-

## Arenaria - Sandwort

Dwarf creeping plants for the rockery or for planting between flag®(B)MONTANA. MOUNTAIN SANDWORT. The miniature, white morning-glory-like blossoms are borne in May. Excellent as an edging plant in BVERNA CAESPITOSA. MOSS SANDWORT This little plant is prostrate growing, and will do well in sun or shode. It is especially useful for growing between flagstones on walks or terraces. $\$ 2.90 ; 100, \$ 1750$

## Aquilegia-Columbine

Distinct, deeply cut foliage and delicate arrangement of colors. Dainty, showy and desirable as cut flowers. Available for Memorial Day Especially suitable for rockwork, at the base of foundation walls and under trees. Bloom from early spring until July; prefers partial shade. ( COERULEA. COLORADO OSEA. ROSY COLORADO COLUMBINE. Shiny doz., $\$ 2.90 ; 100, \$ 17.50$. obove.

Three, 95 c ; doz., $\$ 2.90$; 100, $\$ 17.50$
CHRYSANTHA. GOLDEN COLUMBINE. Very showy deep goiden yellow large flowers with medium long spurs, Late flowering

Three, 80 c ; doz., $\$ 2.50$; 100, $\$ 15.00$ CHRYSANTHA ALBA. White form of the above.

Three, 80c; doz., \$2.50; 100, \$15.00 JAESCHKANI. REDSPUR COLUMBINE. 3 ft . Very large flowers; yellow with glittering red spurs. A beautiful strong growing plant to 3 feet The gorgeous yellow blossoms have spurs of clear red.

Three, $\$ 1.10$; doz., $\$ 3.30 ; 100, \$ 20.00$ COPPER QUEEN. COPPER QUEEN COLUMB́INE.: COppery red ove orange, with darker spurs; anthers straw-yellow.

Three, 80c; doz., \$2.50; 100, \$15.00 CRIMSON STAR. An English novelty. Tall, vigorius and productive; flowers large and uniquely colored. Spurs and sepals blood-red, the petals OBBIE'S IMPERIAL HYBRIDS Three, $\$ 1.10$; doz., $\$ 3.30 \cdot 100, \$ 20.00$ very fine assortment by a European hybridizer, which is sure to please Three, 95 c ; doz., $\$ 2.90 ; 100, \$ 17.50$ MRS. SCOTT ELLIOTT'S LONG-SPURRED HYBRID'S MIXED. An old English strain, free blooming flowers, in pastel shades

Three, 80 c ; doz., $\$ 2.50$; 100, $\$ 15.00$

## Arabis - Rockcress

Beautiful spring-blooming plants forming carpets of bloom. Height 10 to 12 inches. Suitable for the rockery or dry wall
BALPINA. ALPINE ROCKCRESS. Masses of pure white flowers are pro duced in early spring. Three, 80c; doz., $\$ 2.50 ; 100, \$ 15.00$

## Armeria - Thrift

Dense tufts of grass-like leaves are produced in mounds about 6 inches high, from which slender flower stems arise, bearing globular blossoms of delicate shades. The time of bloom is from May to July. Very de sirable for low edgings and for the rockery.
®FORMOSA HYBRIDS. HYBRID FORMOSA SEA-PINK. Light and dark shades of rose and pink. Large blooms on $2-\mathrm{ft}$. stems. QMARITIMA SPLENDENS. PEACHBLOW, 80c; doz., \$2.50; 100, \$15.00 Three, 95c; doz., $\$ 2.90$; 100, $\$ 17.50$

## Artemisia - Southernwood

These shrubby sage-like plants are suitable for the hardy border where their silver foliage lends an ar of lightness.
SILVER KING. Height, 3 ft . Foliage silvery white which makes an excellent plant to use in bouquets to produce a light airy effect VULGARIS LACTIFLORA. WHITE Three, 80c; doz., \$2.50; 100, $\$ 15.00$ fine cut foliage of this plant is interesting and the creamy white flower heads are fine for cutting flowers during August and September.

## Asclepias - Butterfly Weed

TUBEROSA. BUTTERFLY WEED. 18 inches in height. Brilliant orange flowers produced during July and August. Fine for cutting. $100, \$ 15.00$

Anemone iannnira alha


Armeria maritima splendens-Peachblow


Aquilegia-Dobbie's Imperial Hybrid



Aster alpinus
Aster - Starwort or Michaelmas Daisy
Fall flowering perennials coming into flower in the early autumn and continuing until hard frosts. Very valuable as a cut flower and can be ABENDROTHE. $3-5 \mathrm{ft}$. Oct. Deep rose-pink

Three, 80c; doz., \$2.50; 100, \$15.00. One the Three, \$1.10; doz., \$3.30; 100, \$20.00. BLUE GEM 3 ft . Large rich olet-blue.
Three, 95 c ; doz., $\$ 2.90 ; 100, \$ 17.50$. CLIMAX. Pyramidal cluster of bloom. Flowers light lavender-blue with a prominent golden center. August
MRS. F. W. RAYNOR. $31 / 2 \mathrm{ft}$. Oct. Very 80 c ; doz., $\$ 2.50 ; 100, \$ 15.00$. dork crimson-red.
ROSEUS SUPERBUS. 3 ft . Late, rose-pink. 95 c ; doz., $\$ 2.90 ; 100, \$ 17.50$. ROSEUS SUPERBUS.

Three, 95 c ; doz., $\$ 2.90 ; 100, \$ 17.50$. SUNSET. 3 ft . Glowing sunset-pink. One of the best new pink sorts.
Three, $\$ 1.20 ;$ doz., $\$ 3.70 ; 100, \$ 22.50$. WHITE CLIMAX. A white counterpart 00 ;

Three, 80 c ; doz., $\$ 2.50 ; 100, \$ 15.00$.
QALPINUS. 5-10 Aster Species and Hybrids Thane. Lavender-blue flowers with BALPINUS, GOLIATH. $6-10$ inches. The large, showy, bluish purple flowers are produced in abundance in May and June. FRIKARTI (WONDER OF STAFFA) Superbly rayed $\$ 2.50 ; 100, \$ 15.00$. Flowers persistently in bloom July to November. Light lavender with STAR OF WARTBURG 12 . Three, $\$ 1.50$; doz: $\$ 4.50 ; 100, \$ 27.50$. orange disk. Individual flowers often measure $21 / 2$ to 3 inches across and are produced in the spring.

Three, $\$ 1.10$; doz., $\$ 3.30 ; 100, \$ 20.00$.

## Aubrietia - Purple Rock Cress

An excellent plant for the rockery; also used for carpeting beds pianted to spring-flowering bulbs.
8) DELTOIDEA GRAECA. 6-8 inches. Rosy lilac flowers from April to Juy. Will succeed in light shade

Three, 95 c ; doz., $\$ 2.90 ; 100, \$ 17.50$.

## Baptisia - False Indigo

AUSTRALIS. FALSE INDIGO. Dark blue, pea-shaped flowers are produced on spikes 2 feet high in June. Suitable for the hardy border or wild garden. Three, 80 c ; dox., $\$ 2.50 ; 100, \$ 15.00$.


Aster, White Climax


Campanula medium calycanthema

## Bocconia - Plume Poppy

CORDATA. PINK PLUME POPPY, 6 to 8 feet. Majestic, creamy white flower panicles 15 to 18 inches in length, borne as feathery plumes on long, strong stems. The leaves are deeply lobed, dull green above,


## Boltonia - Boltonia

Profuse, summer blooming, daisy-like flowers borne in showy, loose heads. These graceful plants should be in every mixed flower border and wild garden
ASTEROIDES. WHITE BOLTONIA. The flowers are white with a bluish tinge. July to September. Three, 80c; daz., \$2.50; 100, \$15.00. ATISQUAMA. VIOLET BOLTONIA. 4 to 6 feet. Blue-siolet flowers, very attractive. July to September. $\quad$ Three, 80 c; doz., $\$ 2.50 ; 100, \$ 15.00$.

## Campanula - Bellflower

A large group of attroctive plants. The following list contains the most popular perennial varieties. The alpine campanulas are at their best in the rock garden, and the long-stemmed varieties are indispensable in the flower border. The whole family makes excellent cut
®CARPATICA. CARPATHIAN BELLFLOWER. 8 to 10 inches. Large, clear blue, bell-shaped flowers, held erect on graceful stems. The plants form graceful tufts that are excellent for edging beds, and are indispensable in the rockery. June to October.

Three, 80c; daz., \$2.50; 100, \$15.00
EGARGANICA. A low, spreading form which is covered during June with starry, light blue flowers with a white eye. A gem of the rockery. Three, \$1.10; doz., \$3.30; 100, \$2000. MEDIUM CALYCANTHEMA. CUP AND SAUCER CANTERBURY BELL Eery effective, large flowered biennial of somewhat pyramidal habit. Extremely showy in mixed borders and excellent subjects for pot culture in the greenhouse. We can supply the following separate colors: Pink, White, Blue. Three, 80c; doz., \$2.50; 100, \$15.00. PERSICIFOLIA, TELHAM BEAUTY. PEACHLEAF BELLFLOWER. One of the best, if not the best of the persicifolia group. The magnificent display of large, single blue bells, on $21 / 2-\mathrm{ft}$. stems, takes place during June and July. An excellent plant for the hardy border and fine for cutting. Three, $\$ 1.10$; doz., $\$ 3.30 ; 100, \$ 20.00$. BELLFLOWER. Very conspicuous; 4 to 5 ft . high. Profuse bell-shaped flowers in September. Supplied in separate ROTUNDIFOite, Blue. Diflat BLI OF SCOTLAND. 1 ft . Well set with nodding blue bells. June to August.

Three, 80c; doz., \$2.50; 100, \$15.00.


## Centaurea - Cornflower

DEALDy perennials of easiest culture and very attractive in appearance.
 MACROCEPHALA. GLOBE CENTAUREA, 3 ft . Large thistle-like yellow blooms of great value for cutting. July and August. MONTANA. MOUNTAIN BLUET. flowers from July to September.

Three, 80 c ; doz., $\$ 2.50 ; 100, \$ 15.00$. Three, 80 c .

## Cerastium - Cerastium

Valuable creeping plants for the rockery or for edging beds. ®TOMENTOSUM. SNOW-IN-SUMMER. 6 inches. Silvery foliage crowned by a blanket of snow-white flowers in May. Very attractive Three, 80c; doz., \$2.50; 100, \$15.00.
Cheiranthus - Wallflower
A rock garden treasure, producing flowers in such abundance in spring and summer that they often exhaust themselves and become practically biennial.
profusin. An 12 inches. Brilliant orange flowers produced in great EGOLDEN BEDDER Three, 80c; doz., \$2.50; 100, \$15.00. Three, 80c; doz., $\$ 2.50 ; 100, \$ 15.00$.

## Hardy Chrysanthemums

## The vivid and vari-colored blossoms of the Chrysanthemum grace our gardens from early

 September until frost. They are the last flower to succumb to frost and should be in every garden. Unexcelled as a cut flower. We supply strong, healthy plants from $21 / 4$-inch pots The figure immediately following the name denotes the size of the individual flowers.ADIRONDA. $11 / 2$ inches. Thickly clustered; a striking effect with bronze red and orarige-pink. September. Each, 20c; doz., \$2.00 ALADDIN. $21 / 2$ to 3 inches. A tall, bronched plant; the first flowers in July or August and then uninterrupted until frosts. The color is polished bronze overlaid with rose and light red.

Each, 25c; doz., \$2.50

## ALICE HOWELL. $21 / 2$ inches. A superb single yellow overlaid with

 blood-orange. BARBARA CUMMINGS. $13 / 4$ inches. A fascinating variety. The center gold-tipped shiny bronze, the marginal petals lilac tinged white September.Each, 20c; doz., \$2.00 BOSTON BRONZE. $21 / 2$ to 3 inches. A warm amber-bronze with gilded tips. October
BRIGHT EYES. $5 / 8$ inches. Strowberry-red with a white eye
BRUNE POITEVINE, 2 to 3 inches. Richest red Wid, 25c; doz., $\$ 2.50$ mahogany-red, flecked with bronze. September

Each, 20c; doz., \$2.00. CRIMSON SPLENDOR. 4 inches. A great, shaggy, single flower of crimson-maroon with a gleaming golden eye. September red and a yellow eye.
解 GLORY OF SEYEN OAKS. 3 inches. Earliest vellow, usually starting in July; rich golden yellow. GRANNY SCOVILL. 4 inches. Lovely October bloom. A warm coral bronze Each, 20c; doz., \$2.00
LITTLE RED FOOT. $7 / 8$ inch. Indian-red with a shiny gun-metal center
Each, 25c; doz., $\$ 2.50$

LOUISA SCHLING. 3 inches. Early, free-flowering with 3 to 4 rows of petals, brilliant salmon-red, maturing to softer salmon-bronze

Each, 25c; doz., \$2.50. MRS. H. HARRISON. 2 inches. Dense heads of quilled petals. Color, a Each, 20c; doz., $\$ 2.00$
OURAY. 1 inch. Showy red-brown, faintly bronze-tipped. Button type Each, 25c; doz., \$2.50. PEGGY ANN HOOVER. 5 inches. Many long, flaring petals. Color clear PERSIA. 2 nches. Semi-double. eye. Octobe

Each, 25c; doz., \$2.50. rose buds to blush-white, cream and lilac.
RAPTURE. $21 / 2$ inches. Shapely double flowers Each orange suffused R. MARION HATTON. 2 inches, Rich golden yellow in, 25 c ; doz., $\$ 2.50$. ROMANY. $21 / 2$ inches. Amaranth buds opening to indian red; the semiROSE TRAVENA Each, 25 c ; doz., $\$ 2.50$. Each, 25 c ; doz.: $\$ 2.50$. TASIVA. 3 inches. In September the broad mound perest white. Each, 20c; doz., \$2.00. Each, 20c; doz., $\$ 2.00$. tach, 20c; doz., $\$ 2.00$. Each, 20c; doz., \$2.00. ants producing buds of

ihasta Daisy, King Edward VII.

## The New Korean Hybrids

These new creations are especially fine in color, hardy and easily grown. The flowers are single, and produced in great profusion. The figure following the name denotes the diameter of the individual bloom. Strong plants from $2 \frac{1}{4}$-inch pots.
APOLLO. 2 inches. A combination of bronze, red and gold suffused salmon. 3 inches. Mounded plants 2 feet across that; doz. $\$ 2.50$. covered with blooms of lilac-pink. Each, 35c; doz., \$3.50. CERES. Old gold with chamois-yellow; dusted cop DAPHNE. $31 / 2$ inches. A lovely daphne-pink with HESTIA. 3 inches. Semi-double, reflexed; lovely halo and a gold eye. KING MIDAS. 4 inches. A magnificent double MARS. Deep amaranth-red with a velvety wine MERCURY. 3 inches. Bronze-red changing to NIOBE. $21 / 2$ inches. Dwarf mounded plants, entire
NYSSA. 3 inches. Tall; clear rosy lilac with a orange-gold. ORION. Brilliant canary-yellow; erect sprays. PSYCHE. 3 to 4 inches. Tall, broad-petaled, wa THE MOOR. 3 inches. Intense amaranth-purpl
VULCAN. An extremely free-flowering type. fades to a deeper tone. An outstanding fragrant.
Each, 25c; doz., \$2.50. a sheen of lilac-rose Each, 25c; doz., \$2.50 shell-pink with a white Each, 30c; doz., \$3.00. ype; soft yellow, lined Each, 30c; doz., \$3.00.
Each, 25c; doz., \$2.50. Each, 25 c ; doz., $\$ 2.50$ Ecov Each, 30c; doz., \$3.00 Each button center 0 Each, 30c; doz., \$3.00. shell-pink
Each, 30c; doz., \$3.00
Each, 35c; doz
Each, 35c; doz., $\$ 3.50$ Color carmine-red that ariety and delightfully
Each, 30c; doz., $\$ 3.00$.


Brune Poitevine

## Cushion Chrysanthemums

This low-growing, profuse flowering type grows to a foot or more in height, forming a perfect mound. The flowers are produced during the months of August and September, and the plants are literally covered with blooms. S \& H introduced the variety Pink Cushion in 1930, which is the parent of all the cushion types now on the market. A which is is incomplete without these exquisite 'Mums. We supply strong garden is incomplete witho
plants from 214 -inch pots. BRONZE CUSHION. Bronze overlaid orange, samon and ruddy copper. PINK CUSHION. A dense cushion 18 inches high by 24 to 30 inches across when developed. The lovely flowers open from deep rose buds through successive stages of lilac-pink, blush-white, ivory and gold August.
Each, 50 c ; three, $\$ 1.35$;

Each, 50c; three, $\$ 1.35$; doz., $\$ 4.10$. WHITE CUSHION. The flowers are blushed pink as it opens, later changto pure white. Each, 50c; three, $\$ 1.35$; doz., $\$ 4.10$. One each of the above 4 varieties for $\$ 1.75$.

## Chrysanthemum Maximum (Shasta Daisy)

## ALASKA. The popular, giant American "Shasta Daisy" June and July.

 MARTHA JOHNSTON. Novelty. This giant new Americon daisy, produces flat flowers of glistening white $41 / 2$ inches across. The rigid stems3 to 4 feet long will stand up against wind or rain. Foliage is dark Each, 40c; three, $\$ 1.10$; doz., $\$ 3.30$.
GING EDWARD VII. An English strain, supplementing our American KING EDWARD VII. An English strain, Supple
Shasta Daisy, with larger, pure white flowers.

Three, 65 c ; doz., $\$ 2.00 ; 100, \$ 12.50$.

Pink Cushion Chrysanthemum



Delphinium belladonna

## Coreopsis - Tickseed

A favorite of grandmother's garden that is still popular, although it now greatly improved. Useful in the perennial border and makes an ANCEOL cut flower

COREOPSIS. A strong growing variety, producing an abundance of lemon-yellow flowers.

Three, 80c; doz \$2.50; 100, \$15.00 2 feet. An improved large flowering strain. Flow ers bright yellow. Three, 80c; doz., $\$ 2.50 ; 100, \$ 15.00$ SUNBURST. 18 inches. This unique var

## Delphinium - Larkspur

Beautiful hardy plants grown in borders for their magnificent spikes blossoms which are borne on stately stems. A perennial borde would not be complete that failed to include this item.

## Exhibition Delphinium

BLACKMORE AND LANGDON STRAIN. B. G L. HYBRID DELPHINIUM and the flowers are enormous, produced in solid, erect spikes. The colors are flot mate shades of blue, mave $\$ 135$. doz. $\$ 4.10$. 100, $\$ 25.00$ CEBERG. 6 feet. Magnificent flower spikes of pure white. A definite WREXHAM or HOLLYHOCK STRAIN Three, 95 c ; doz., $\$ 2.90 ; 100, \$ 17.50$ All flowers are produced an tall spire-likeepest and richest purples. The Three, $\$ 1.20$; doz., $\$ 3.70 ; 100, \$ 22.50$

## Garden Delphiniums

Not as fall growing as the English Hybrids, but they produce a greate number of spikes and are more graceful in habit. Flowers are produced in June and again in September on spikes 2 to 4 feet high. Excellen
for
 BELLAMOSA. A dark blue form of Belladonna; daz., \$2.50; 100, \$15.00 BELLAMOSA, BLUE GROTTO. An excellent strain of Bellamosa, medium in height and richer violet-blue. Quite

GRANDIFLORUM CHINENSE. SLENDER AAC; good sized flowers of gentian-blue. Valuable because weeks after the larger sorts. Three, 80c; doz., \$2.50; 100, \$15.00

## Dianthus - Pink or Carnation

A lorge family of plants producing rich, showy blossoms. Selections from the following list may be planted in the mixed perennial border as edgings for beds, and many varieties are especially useful in the

Dianthus Barbatus - Sweet William
Strictly speaking, this is a biennial, but when grown in well-drained soil, it assumes the character of a perennial. Height, 18 to 24 inches The flat-topped flowergeads are made phite. We offer the following
separate colors and a mixed type.
GIANT BLOOD-RED
GIANT NEWPORT PINK
GIANT SCARLET BEAUTY
Three, 65 c ; doz., $\$ 2.00 ; 100, \$ 12.50$.
BALPINUS ALLWOODI. 6 inches. Growth just right for the rockery Shades of rose and pink. July and August. doz., $\$ 2.50 ; 100, \$ 15.00$ QARENARIUS. 6 inches. A lover of the sun and hot sands. Fringed DELTOIDES. MAIDEN PINK. 18 inches. A charming slender-stemmed type with prostrate foliage and a mass of small flowers that are carmine to light coral. May a ROSE CUSHION. A new variety quite different from the other mem bers of the family. The flowers are bright rose in color and are held erect by graceful stems. The plant grows in a tuft or cushion, very dense and low. The foliage is attractive all summer and remains evergreen throughout the winter. Perfectly hardy and suitable for the rockery , BEATRICE. 18 inches Three, 95 c ; doz., $\$ 2.90 ; 100, \$ 17.50$ The flowers are double and of a soft salmon-pink color. Good for
two weeks when cut. LATIFOLIUS, FURST BISMARK.

Dianthus Species

Three, 80 c ; doz., $\$ 2.50 ; 100, \$ 15.00$

Three, 80c; doz., \$2.50; 100, $\$ 15.00$ ATh

GIANT WHITE
GIANT MIXED SHADES In bloom all summer. Rose'-pink.
Three, $\$ 1.10$; doz., $\$ 3.30 ; 100, \$ 20.00$
M. WHITE SLENDER LARKSPUR. A

Three, 80 c ; doz., $\$ 2.50 ; 100, \$ 15.00$

Coreopsis, Sunburst


## Dianthus Plumarius - Grass Pinks

 PLUMARIUS FLORA-PLENA. DOUBLE GRASS PINK. Double and semiThree, 80c; doz., $\$ 2.50$; 100, $\$ 15.00$. PLUMARIUS, HER MAJESTY. Large white flowers, spicily fragrant PLUMARIUS, HIGHLAND QUEEN hree, 80c; doz., \$2.50; 100, \$15.00 Lustrous verminion. May-Novembe Three, 95c; doz., \$2.90; 100, \$17.50 PLUMARIUS, ROBERT. Clove-scented, long-stemmed, early spring to late outumn; white with maroon-red center.PLUMARIUS, ROSE QUEEN. Double
Three, 80c; doz., \$2.50; 100, \$15.00. ixed. Noted for spicy fragrance and

Three, 80 c ; doz., $\$ 2.50 ; 100, \$ 15.00$.

## Dictamnus - Gasplant

An old-fashioned herbaceous plant which has a strong, lemon-like odor. Once established, drought does not affect them and a plant will thrive in the same location for generations. Plant in the border or as ALBUS. GAS PLANT.
and July. Fine for cutting.

## Dicentra - Bleeding Heart

Hardy perennial plants having deep cut foliage and ottractive flowers of interesting structure. Perfectly charming plants for borders, wild gardens and rockeries
eXIMIA. FRINGED BLEEDING HEART. 12 to 15 inches high. A dwarf growing sort with beautiful, finely cut foliage, and pretty pink flowers produced throughout the summer.

G HEART Three, 95c; doz., $\$ 2.90 ; 100, \$ 17.50$. perennials of our gardens. Deep rosy red, heart-shaned flowers produced during May and June. Three, $\$ 1.10$; doz., $\$ 3.30 ; 100, \$ 20.00$.
[6]

Dianthus plumarius


Dianthus barbatus.
Dinnthus doltnides



Digitalis-Shirley Hybrids

## Geranium - Cranesbill

Interesting plant to grow at the margin of a sunny border SANGUINEUM. BLOOD-RED CRANESBILL. Attractive foliage and bright crimson flowers all summer. Three, 95 c ; doz., $\$ 2.90 ; 100, \$ 17.50$.

## Grasses - Hardy Ornamental

The several varieties of hardy ornamental grasses, that succeed in this climate, have not received the attention they deserve. Some are of noble proportion with large, airy plumes; others of medium height with interesting, often variegated foliage, and still others grow in tufts only isolated lawn groups and in the rockery. The dried plumes should be isolated lawn groups and in the rockery. The dried plumes should be cut just before they open and allowed to open in the house (if they
are desired for winter decoration). This procedure will prevent them from shattering when in the house.
ELYMUS GLAUCUS. BLUE LIMEGRASS. $21 / 2$ to 3 feet. The narrow
silvery blue leoves arch to the ground. Three, $\$ 1.35$; doz., $\$ 4.10 ; 100, \$ 25.00$. ERIANTHUS RAVENNAE. RAVENNA GRASS. Height, 4 to 6 feet. One of the best tall perennial grasses. Ornamental woolly plumes 8 to 10
feet high, well established clumps sometimes produce 40 to 50 heads. feet high, well established clumps sometimes produce 40 to 50 heads. (BFESTUCA GLAUCA. BLUE FESCUE. 6 to 12 inches high; Dwarf ornamental grass, growing in symmetrical tufts and producing narrow beds. MISCANTHUS SINENSIS GRACILLIMA. MAIDEN GRASS. Graceful habit with narrow, bright green foliage with 1. siver mid-rib; Fine plumes
5 to 6 feet high. $\$ 10 ;$ doz.. $\$ 3.30 ; 100, \$ 20.00$. MISCANTHUS SINENSIS VARIEGATUS. STRIPED EULALIA. Long, narow eaves longitudinally striped with green, white and often pink or yellow. Interesting plumes 4 to 5 teet high; doz., $\$ 3.30 ; 100, \$ 20.00$ PHALARIS ARUNDINACEA PICTA. RIBBON GRASS. Leaves longi Three, 95 c; doz., $\$ 2.90 ; 100, \$ 17.50$

## Digitalis - Foxglove

Old-fashioned, stately plants, producing long racemes of lovely thimble-like flowers, which suggest towers of bells. For several weeks during June and July they dominate the border with their gorgeous GIANT OR SHIRLEY HYBRIDS. 3 to 4 feet high. Large blossoms rang-


## Doronicum - Leopardbane

Very showy, spring flowering perennials that are in bloom at tulip time. They are indispensable for brightening the garden in their season daisy-like . and June. $\quad$ Three, $\$ 1.10 ;$ doz., $\$ 3.30 ; 100, \$ 20.00$.

## Echinops - Globethistle

Attractive, hardy perennial with shiny foliage and globular, thistle-like flowers. Very interesting when used in the perennial border.
RITRO. STEEL GLOBETHISTLE. 2 to 3 feet. Very ornamental, thistlelike, metallic-blue flowers during July and August. The blossoms may

## Funkia - Plantainlily

Very hardy plant, valuable for the mass of leaves that is produced and the spires of blue flowers. Will grow in sun or partial shade, suitable for difficult positions in the border or out of the way places where it is VARIEGATA. VARIEGATED P.

AINLILY. Variegated foliage, blue

## Fuchsia

MAGELLANICA. MAGELLAN FUCHSIA. Splendid new semi-shrub of flowers which start in sure to produce hundreds of ruby-red, pendent Good in either light shade or sun. Mulch heavily for winter.

## Geum - Avens

Attractive hardy perennial plants that produce a wealth of longstemmed flowers that are highly prized for cutting. Popular for use in the flower border. Flowers from May to August. golden yellow. A splendid cut flowers.

Three, $\$ 1.10$; doz., $\$ 3.30 ; 100, \$ 20.00$. fiery red counterpart of the above. Three, $\$ 1.10 ;$ doz., $\$ 3.30 ; 100, \$ 20.00$. Three, $\$ 1.10$; doz., $\$ 3.30 ; 100, \$ 20.00$.


Gaillardia aristata (grandiflora)

## Gailladia - Blanket Flower

and very satisfactory perennial; outstanding because of the profusion tained from June until November. Indispensable in the mixed border ARI an excellerit cut flower. COMM (GRANDIFLORA), COMMON PERENNIAL GAILARDIA Unfailing supply of bloom in rich, towny shades. Flowers 3 inches in DAZZLER. A new form Very Three, 80c; doz., $\$ 2.50 ; 100, \$ 15.00$. brilliantly contrasting. Very large flowers of golden yellow with a ®GOBLIN. 12 to 16 inches. A Gorge, 95 c ; doz., $\$ 2.90 ; 100, \$ 17.50$. July to October under a rounded canopy of flowers, brilliant yellow With a heavy, deep red zone. Three, 95 c ; doz., $\$ 2.90 ; 100, \$ 17.50$. flower production. Flowers extra large and perfect, an ideal cutting type; brilliant coppery scarlet rimmed in gold.

## Gypsophila - Babysbreath

Remarkable plants producing a multitude of small flowers which create a mist-like effect. Indispensable for cutting. The trailing varieties of repens are subiects for the rockery.
PANICULATA. BABYSBREATH
during July becomes a fleecy, white mass Ú 2 to $3-\mathrm{ft}$ mound which
Three, 80c; doz.; $\$ 2.50 ; 100, \$ 15.00$. PANICULATA FLORA-PLENA, BRISTOL FAIRY. BRISTOL FAIRY' BABYSBREATH. This remarkable variety is propagated by grafting to insure In bloom all summer. Three, $\$ 1.20$; doz., $\$ 3.70 ; 100, \$ 22.50$ (BREPENS ALBA. WHITE CREEPING GYPSOPHILA. A A beautiful trailing plant for the rockery with clouds of small white flowers. July and BREPENS ROSEA. ROSY CREEPING GYPSOPHILA. $\$ 2.50 ; 100, \$ 15.00$ REPENS FLORA-PLENA, BODGERI. Three, 80 c ; doz., $\$ 2.50 ; 100, \$ 15.00$. ble flowering, truly pink-colored variety that is ready' 2 weeks earlier than the other double varieties. Three, $\$ 1.35$; doz., $\$ 4.10 ; 100, \$ 25.00$
[7]

Variegated Funkia


Geum, Mrs. Bradshaw



Double-Flowered Hollyhocks

## Helianthemum - Sunrose

Low growing evergreen plants, soon spreading to form a dense mass of pleasing foliage that is studded with brilliantly colored flowers. A delightful rock plant. ©RUTTERCUP. Golden yellow, single

Three, 95 c ; doz., $\$ 2.90$; 100, $\$ 17.50$. (8FIREBALL. Bright scarlet, double. Three $95 c^{\prime} ;$ doz., $\$ 2.90^{\prime} ; 100^{\prime}$, $\$ 17.50$. QCHAMAECISTUS MUTABILE. FICKLE SUNROSE. Beautiful shodes of rose, white and yellow. July and August. Three, 95 ; doz., $\$ 2.90 ; 100, \$ 17.50$.

## Heliopsis - Orange Sunflower

Closely related to Helianthus (Sunflowers) and both are natives of America. They bear their large, orange-colored flowers on long, wiry stems. Excellent for cutting.
CABRA ZINNIAEFLORA. ZINNIA HELIOPSIS. Height 3 feet. Golden yellow, semi-double flowers of large size. July to September

Three, 65c; doz., $\$ 2.00 ; 100, \$ 12.50$ GOLDEN SUNNA. Beautiful yellow of medium height

Three, 65c; doz., $\$ 2.00 ; 100, \$ 12.50$.

## Hemerocallis - Daylily

Popular yellow and orange-flowered perennials with long, grassy foliage and Lily-like flowers. Hybridizers have recently taken an interest in this plant and as a result, there are now available many new and improved varieties. They moke excellent cut flowers.
ANNA BETSCHER. 2 feet. July and August; golden yellow.
LORHAM FLORHAM DAYIIV Three, 95c; doz., \$2.90; 100, \$17.50. golden yellow with Indian yellow morkings june and July feet. Rich GOLDENI. 30 inches. July. Orange, gold center

Three, 95 c ; doz. $\$ 2.90$; 100, \$17.50 THE GEM. 3 feet. June, July; deep yellow-apricot. Three, 95 c ; doz., $\$ 2.90 ; 100, \$ 17.50$ THUNBERGI. 4 feet. July; buttercup-yellow Three, 80c; daz., \$2.50; 100, \$15.00 gust; light lemon-yellow
Three, $\$ 1.10$; doz., $\$ 3.30 ; 100, \$ 20.00$ HYPERION. The newest and probably the best hybrid yet produced. The flowers are a fine citron-yellow produced in great numbers on stout 40 -inch stems. A charming cut flower, the buds open well in water and emit a delightful fragrance. Plants are vigorous and sucthrough July and August. Each, \$1.00; three, \$2.85; doz., \$10.00.

## Heuchera - Alumroot

Tufted, trim plants with heart-shaped leaves, surmounted by graceful panicles or racemes of dainty flowers borne on slender stems. They are suitable subjects for the front of the border, edging of beds and especially fine for the rockery. They make excellent cut flowers.
B BRIZOIDES. PINK BELLS. The pale pink flowers are produced in abundance during May. Foliage more robust than the species.

Three, 95c; doz., \$2.90; 100, \$17.50.
(B)ROSAMUNDI. $11 / 2$ to 2 feet. Charming coral-pink flowers on strong stems, which are produced over a two-month period.
B SANGUINEA CORALBELIS Three, $\$ 1.10$; doz., $\$ 3.30$; 100, $\$ 20.00$. SANGUINEA. CORALBELLS. 18 inches. Flowers a bright crimson, produced on strong stems from June to september. Nice for cutting
and an excellent rock plant. Three, 95 c ; doz., $\$ 2.90$; 100, $\$ 17.50$.

## Hibiscus - Mallow

Tall plants with hollyhock-like flowers. Suitable for the flower border, wild garden or on the banks of water courses. Wid garden or on the banks of water courses. 4 ft . Flowers during the late summer and fall months. A greatly im4 ft . Flowers during the late summer and fall months. A greatly improved strain of the native Marshmallow. The color ranges through
red, pink and white. red, pink and white. Three, \$1.10; doz., \$3.30; 100, \$20.00. form of the pbove. $\quad$ Three, $\$ 1.10$; doz., $\$ 3.30 ; 100, \$ 20.00$.

## Hollyhocks - Althea rosea

This stately old plant is truly King of the Garden. Hollyhocks inject a great deal of color and life and picturesqueness into tall backgrounds a great deql of color and life and picturesqueness into tall backgrounds
with their gorgeous, densely set pillars, ranging in height from 4 to 7 feet
DOUBLE FLOWERED SORTS. Supplied in the following separate colors: CRIMSON, MAROON, ROSE, WHITE AND YELLOW.

Three, 80 c ; doz., $\$ 2.50$; $100, \$ 15.00$ SINGLE FLOWERED. ALLEGHENY. Tall; very large fringed flowers, Mixed. Three, 80c; doz., $\$ 2.50 ; 100, \$ 15.00$.
ANEMONE-FLOWERED. The new English Imperator. Magnificent Anemone flowers in many two-color pastel combinations. Mixed. Three, 80 c ; doz., $\$ 2.50$; 100 , $\$ 15.00$.

## Iberis - Candytuft

These beautiful spring-flowering plants may be used in the rockery, in the front of the perennial border or as an edging for walks. Better effects are obtained when planted in masses, therefore we recommend planting not less than six in a group. They are of shrubby growth, with rich, evergreen foliage.
(B)GIBRALTARICA. 12 inches. A very desirable plant that is covered with dense heads of lilac-pink flowers from May to July.

Three, 80c; doz., \$2.50; 100, \$15.00. Three, 95 c ; doz., $\$ 2.90$; $100, \$ 17.50$ (B)SEMPERVIRENS. Pure white flowers in the spring. Very dwarf and perfectly hardy. Three, 80c; doz., \$2.50; 100, \$15.00. B SNOWFLAKE. The same growth and habit as sempervirens, except that the flowers are much larger, so that they completely blanket the plant when in bloom. Flowers pure white

Three, 80c; doz., \$2.50; 100, \$15.00.

## Lathyrus - Perennial Pea

Sometimes referred to as the Hardy Sweet Pea. Trailing or climbing plants suitable for growing on arches, pergolas, trellises or even for trailing over stone piles or rough banks.
LATIFOLIUS, PINK. Deep rose flowers in large racemes.
Three, 95 c ; doz.. $\$ 2.90 ; 100, \$ 17.50$.
LATIFOLIUS, RED. A pleasing red counterpart of the former
Three, 95 c ; doz., $\$ 2.90 ; 100, \$ 17.50$.
LATIFOLIUS, WHITE. An improved whife variety, producing flowers on
long stems.
Three, 95 c ; doz., $\$ 2.90 ; 100$, $\$ 17.50$.

## Lavandula - Lavender

An old-fashioned, fragrant, shrubby perennial, which has been grown for centuries in home gardens. The lavender-colored flowers are pressed during July and August. The fragrant blossoms are dried for perfume. OFFICINALIS. TRUE LAVENDER. This is the true Sweet Lavender and grows 18 inches high. Three, 95 c ; doz., $\$ 2.90 ; 100, \$ 17.50$.

## Liatris - Gayfeather

A genus of North American plants, having grasslike leaves growing in a tufted mass and out of which the tall spikes of flowers appear. These plants always attract attention because of their unusual appearance, which is both beautiful and odd. Used in the flower border or wild
PYCNOSTACHYA. CATTAIL GAYFEATHER. Narrow spikes of gay purple flowers that bloom over a long period. Flowers during midsummer. flowers that bloom over a long period. Fowers during midsummer.
Height 4 to 5 feet. SCARIOSA. Large, showy flowers of bluish purple. Later flowering than the former and about a foot higher.

80c; doz. \$2.50; 100, \$15.00 SPICATA. SPIKE GAYFEATHER. Spikes about 3 feet in height; color


## Linum - Flax

A free blooming perennial bearing a multitude of brilliantly colored flowers on slender stems. The foliage is fine and feathery. Suitable for the front of the border or for use in the rockery. Height variable, from 15 to 24 inches.
(B)PERENNE. PERENNIAL FLAX. Clear blue flowers; very hardy.

Three, 80c; doz., $\$ 2.50 ; 100, \$ 15.00$. ®)PERENNE ALBUM. WHITE PERENNIAL FLAX. A white counterpart of the former. Three, 80c; doz., \$2.50; 100, \$15.00. effective. GOLDEN FLAX. Bright yellow, transparent
Three, $80 \mathrm{c} ; \mathrm{doz} ., \$ 2.50 ; 100, \$ 15.00$.


Linum perenne-Perennial Flax (See page 8)


Heuchera rosamundi (See page 8)
Delphinium grandiflorum chinensis (See page 6)


Echinops ritro-Steel Globethistle
(See page 7)


Phlox decussata, Daily Sketch (See page 14)


Iris kaempferi

## Iris Germanica - German Iris

The German frises are considered by many flower lovers to be the finest of our hardy plants. The shape of the blossom, which for centuries has lent itself to artistic design, coupled with the magnificent colorings of recent introductions-presents a picture that is loveliness itself
S. refers to the three standard or upright petals. AMBASSADEUR three falls or drooping petals

ASIA. S. lovender; F. reddish purple. BALDWIN Giant purple flowers with metallic Each 20c; daz \$2.00 Each, 40c; doz., $\$ 4.00$ BLUE VELVET. Deep blue blossoms of rich texture.

Each, 30c; doz., \$3.00 CORONATION. Deep golden yellow. DAUNTLESS. Beoutiful rosy red, with velvety Each, 30c; doz., \$3.00 FRIEDA MOHR. Very large, deep pink-lavender;

Each, 40c; doz., \$4.00. GOLD IMPERIAL. Deep golden yellow. HER MAJESTY. White, suffused pink and crims
ISOLENE. S. mauve-buff; F. Chinese violet.
Each, 25 c; doz., $\$ 2.50$ Each, 20c; doz., $\$ 2.00$ SOLER. S. Mauve-buff; F. Chinese violet.

Each, 20c; doz., \$2.00 LABOR. General effect a uniform deep reddish purple.

Each, 25 c doz., $\$ 2.50$
MRS. VALERIE WEST. S. bronze, shot with lavender; $F$. rich maroon crimson-violet. Each, 25 c; rich maroonPERSIA. S. steel-blue; F. bluish lavender. Very large blossoms. Each, 35c; doz., \$3.50 PLUIE D'OR. A fine yellow of medium color depth. PRIMROSE. S. amber; F. light yellow. Each, 25c; doz., \$2.50 for landscape effects. OUEEN CATERINA. Azure-lilac, orange beard. Each, 20c; doz., \$2.00 SIR MICHAEL. S. lavender; F. purple. SOUV. DE MME. GAUDICHAU. S. violet-blue; F

SUSAN BLISS. Bright rose-pink

## Iris Kaempferi - Japanese Iris

One of the most magnificent of our garden flowers. It is at its best when planted near a body of water, but it may be successfully grown on high land, or any position where the soil is acid. They will not tolerate lime. The individual flowers are magnificent in their form and color Large masses of bloom present beauty beyond description. ASTARTE. Latest; very large dork violet

Each, 35c; three, 95c; doz., \$2.90 ETHEL J. MARSHALL. Milk-white veined lilac, the paised center is violet. Very dainty. Each, 40c; three, \$1.10; doz., \$3.30. GEKKO-NO-NAMI. Earliest; glistening white

Each, 25 c ; three, 95 c ; doz., $\$ 2.90$ HANA-NO-NISHIKI. Rose-pink streaked white

Each, 25 c; three, 95 c ; doz., $\$ 2.90$ ISO-NO-NAMI. Blue-tinted rose with Each, 40e; three, \$1.10; doz., \$3.30 KOKO-NO-IRO $\qquad$ Each, 35 c ; three, 95 c ; doz., $\$ 2.90$. MAHOGANY. Late; velvety mahogany-red Each, 40c; three, \$1.10; doz., \$3.30 Each, 35 c ; three, 95 c ; doz., $\$ 2.90$.

## Iris Pumila - Dwarf Iris

These beautiful little frises rarely grow over 6 inches in height, and are in bloom during April and May. They are used for bordering beds and are indispensable for the rockery
(AATROVIOLACEA. Violet-mauve with maroon-red

REXCELSA. Pale canary-yellow,
®THE BRIDE. Blush-white

Three, 95 c ; doz., $\$ 2.90$; 100, $\$ 17.50$. Three, 95c; doz., \$2.90; 100, \$17.50
Three, 95c; daz., \$2.90; 100; \$17.50.

## Lychnis - Campion

An old-fashioned flower, bearing brilliantly colored flowers in large heads, that provide color to the flower border and rockery during the summer and fall months. CHALCEDONICA. MALTESE CROSS. Heads of gleaming scarlet flowers. A very effective plont which is always admired; in bloom all summer Height 3 feet. feet high. Silver follage. Blooms all summer
CORONARIA ALBA. WHITE ROSE CAMPION. AOZ $\$ 2.50 ; 100, \$ 15.00$. above. ®HAAGEANA. HAAGE CAMPION. An early summer-flowering peren nial with brilliant orange-scarlet flowers that are 2 inches across 12 to 18 inches. Three, 95c; doz., \$2.90; 100, \$17.50 RVISCARIA SPLENDENS. ROSE-PINK CAMPION. A tufted plant growing about 15 inches high. Easily grown in the flower border or rockery. Rose-pink flowers during June and July. 65 c ; doz., \$2.00; 100, $\$ 12.50$ © $®$ VISCARIA SPLENDENS FL. PL. DOUBLE RÓSE-PINK CAMPION. DOUble flowered form of the above. Three, 80c; doz., $\$ 2.50 ; 100, \$ 15.00$.

## Matricaria - False Camomile or Feverfew

Low-growing, attractive plants for the border. The leaves are finely divided; flowers double, on $11 / 2$-foot stems. In bloom all summer. Fine for cutting.
PARTHENOIDES FL.-PL. DOUBLE FALSE CAMOMILE. Large double white flowers from June to October. Three, 80c; doz., \$2.50; 100, \$15.00 GOLDEN BALL. A dwarf yellow m of the above. Three, 80c; doz., \$2.50; 100, \$15.00.

## Mazus - Mazus

An attractive plant for the rockery that is of prostrate habit. BREPTANS. A spring flowering Alpine plant that carries its dainty lilac flowers just above the foliage

Three, $\$ 1.10$; doz., $\$ 3.30 ; 100, \$ 20.00$.

## Monarda - Beebalm

A native member of the mint family that is used in the hardy border, the wild garden or for naturalizing along watercourses. Unsurpassed in richness of color and the flower-form is very interesting.
DIDYMA, CAMBRIDGE SCARLET. Flowers of brilliant crimson-scarlet are produced freely on square stems from June to August. Height $21 / 2$ feet.

Three, 80c; doz., $\$ 2.50 ; 100, \$ 15.00$

## Nepeta - Ground Ivy or Catnip

Attractive plants for massing in the rock garden or border. The graygreen foliage is aromatic and the clear blue flowers are borne continuously throughout the spring and summer.
(B)MUSSINI. A dwarf, compact plant for the rockery, that produces lavender flowers throughout the summer.

Three, 80c; doz., \$2.50; 100, \$15.00. SOUVENIR DE ANDRE CHAUDRON. This plant of upright growth has gray foliage and pale blue flowers that are produced all summer. Does well in the border and as a cut flower.

Three, $\$ 1.10$; doz., $\$ 3.30 ; 100, \$ 20.00$.

## Oenothera - Evening Primrose or Sundrops

Excellent subjects for the flower border or rockery. The varieties isted below are yellow-flowered and remain open during sunlight hours. FRUTICOSA YOUNGI. YOUNG'S SUNDROPS. A strong, stocky plant and prolific bloomer, with firm, shiny foliage, and lemon-yellow flowers from June to August. Height 24 to 30 inches.

Three, 80c; doz., $\$ 2.50 ; 100, \$ 15.00$. ©MISSOURIENSIS. OZARK SUNDROPS. 'Prostrate stems with ascending branches. A profuse bloomer producing solitary flowers, often measuring 4 inches across. An excellent rock garden plant, in bloom from June until August. Height 1 foot.

Three, 80c; doz., $\$ 2.50 ; 100, \$ 15.00$.

Peony, Baroness Schroeder


Monarda, Cambridge Scarlet

## Paeonia - Peony

The Peony is a universal garden favorite and few indeed are the homes that do not have a Peony on the grounds, even though they make no pretense at having a garden. The establishment and subsequent activities of the American Peony Society attests the interest and appeal that this plant has for the amateur and professional alike.
Peonies may be planted at any time of the year, but preferably in the fall, between September 1st and the time the ground freezes.

We supply strong field-grown plants with from three to five eyes.
ALBATRE. Milk-white shaded ivory, thin pink edge.
Each, 50 e; three, $\$ 1.35$; doz., $\$ 4.10$. ALBERT CROUSSE. Shell-pink, edged creamy white.

Each, 50c; three, \$1.35; doz., \$4.10.
AUGUSTE DESSERT. Velvety carmine with silvery reflex.
Each, 90c; three, \$2.40; doz., \$7.30.
BARONESS SCHROEDER. Flesh to pure white.
Each, 75 c ; three, $\$ 2.00$; doz., $\$ 6.00$.
CANDEUR. Silvery lilac-pink, center flecked carmine.
Each, 60c; three, \$1.60; doz., \$4.90.
CLAIRE DUBOIS. Satiny pink, large, globular flowers. Éach, 50c; three, \$1.35; doz., \$4.10.
DUCHESSE DE NEMOURS. White, tinged with sulphur Each, 40c; three, \$1.10; doz., \$3.30.
EDULIS SUPERBA. Earliest to bloom with fluffy, rose-pink flowers. Each, 40c; three, \$1.10; doz., \$3.30.
FELIX CROUSSE. Crimson-cardinal. Each, 50c; three, \$1.35; doz., $\$ 4.10$. FESTIVA MAXIMA. Eerliest white with massive flowers.

Each, 40c; three, \$1.10; doz., \$3.30.
MARCELLE DESSERT. High crown; milk-white blossoms dusted pink. Each, 60c; three, \$1.60; doz., \$4.90.
MARGUERITE GERARD. Hydrangea-pink, white and gold. Each, 60c; three, $\$ 1.60$; doz., $\$ 4.90$.
MARIE JACQUIN. The white "Water Lily Peony." Each, 60c; three, \$1.60; doz., \$4.90. MARIE LEMOINE. Latest white, tinged chamois.

Each, 60c; three, \$1.60; doz., \$4.90.
MME. DE VERNEVILLE. Crinkly, semi-transparent white. Each, 40c; three, \$1.10; doz., \$3.30.
MME. DUCEL. High-built, clover-shaped, shell-pink. Each, 40c; three, \$1.10; doz., \$3.30.
M. JULES ELIE. Like above but later and Iarger. Each, 60c; three, $\$ 1.60$; doz., $\$ 4.90$.
PERETTE. White tinged shell-pink, straw and gold.
Each, 90c; three, \$2.40; doz., \$7.30
SARAH BERNHARDT. Mauve-rose, tipped silver Each, 80c; three, \$2.15; doz., \$6.50
SOLANGE. Large, compact blooms of creamy white suffused with buff and salmon-pink. of creamy white suffused with butf
Each, 75 c ; three, $\$ 2.00$; doz., $\$ 6.00$.
SOUV. DE LOUIS BIGOT. Bengal-rose to salmon-pink, Each, 75 c ; three, $\$ 2.00$; doz., $\$ 6.00$.
tourangelle. Pearl-white tinged mauve; late
Each, 75 c ; three, $\$ 2.00$; doz., $\$ 6.00$.

## SPECIAL PEONY OFFER

Four undivided 2- to 3-year-old Peony clumps all separately labeled-postpaid for $\$ 2.00$. The actual varieties to be our selection from listed varieties. To contain 1 red, 1 white, 1 light pink, and 1 dark pink.


Papaver nudicaule-Iceland Poppy

## ${ }^{\circledR}$ Pachysandra terminalis - Japanese Spurge Papaver nudicaule - Iceland Poppy

These plants are of neat habit, forming a tuft of bright green foliage from which spring a profusion of' slender leafless stems 1 foot in height. The stem bears a solitary cup-shaped flower, 2 inches or more across. pink and white. Three, 80c; doz., $\$ 2.20 ; 100$,' $\$ 15.00$

## Pentstemon - Beardtongue

Popular hardy plants, most attractive in the border when planted in masses, Very graceful and decidedly decorative as a cut flower. The flowers are tubular or somewhat foxglove-like in shape
CORAL GEM. Delightful plants, 3 feet in height, that produce their coral-pink flowers during July and August.

Three, EOc; doz., \$2.50; 100, \$15.00

## Physalis - Groundcherry or Chinese Lanterns

A hardy perennial plant noteworthy for its large, highly colored calyces or lanterns that are dried and used for winter bouquets
FRANCHETI. An ornamental variety of Groundcherry, producing brilliant orange-scarlet, lantern-like fruits, which, when cut will last in the house all winter. Height 2 feet.

Three, 80c; doz., \$2.50; 100, \$15.00.

## Physostegia - False-Dragonhead

Handsome plants for the mixed flower border or wild garden. Sometimes called Obedient Plant, presumably becouse the blossoms will remain in any position in which they are placed.
VIrginiana alba. White false dragonhead. Pure white flowers on long spikes, 3 to 4 feet high, are produced during July and August. An excellent cut flower as it lasts well when cu VIRGINIANA VIVID. IRGINIANA, VIVID. A new dwar variety about 2 inches in height and a great improvement over the variety obove. The flowers are a vivid deep pink, much larger than the type and produced three
weeks later.

$$
\text { Three, } 95 \mathrm{c} ; \text { doz., } \$ 2.90 ; 100, \$ 17.50
$$

## Papaver orientale - Oriental Poppy

With all the pomp of barbaric splendor, these great poppies floun their dazzling colors. Nothing equals them during their period of bloom in May and June. Whether pianted singly or in groups, their large fowers and freedom of bloom render them the most conspicuous sub jects in the garden. The proper planting season for field-grown roots is during August, September and October. Early spring planting, however (before May first), will give satisfactory results. We find each year that there are many of our customers who fail to plant field-grown roots at the proper time and are therefore disappointed. This year we have potted this type of stock, in husky 6 -inch Cloverset Pots, to insure success THIS SEASON for late planters. This potted material may be pianted successfully right up to blooming time. We are therefore offering a full assortment of varieties in both

Field-grown plants-for planting before May first, and
Cloverset Pots--lor-late planting.
Don't miss this opportunity to enjoy these lovely poppies this year.
Field-grown roots con travel by mail. 6 -inch pot plants must go by
BEAUTY OF LIVERMORE. Deep oxblood-red with black blotch
Field-grown. Three, \$1.10; doz., \$3.30; 100, \$20.00 CERISE BEAUTY. Variable ceris. Three, $\$ 1.50$; doz., $\$ 4.50$; 100 , $\$ 27.50$. CERISE BEAUT

Field-grown
FAIRY. Clear baby pink
Field-grown
GOLATH. Brilliant scarlet.
Three, 95 c ; doz., $\$ 2.90 ; 100, \$ 17.50$

Three, \$1.60; doz., \$4.90; 100, \$30.00 HENRI CAYEUX Quite distin Three, $\$ 2.00$; doz., $\$ 6.00 ; 100, \$ 37.50$ -inch pots . e foring, in
JEANNIE MAWSON. Geranium-Three, \$1.50; doz., \$4.50; 100, \$27.50

JOYCE. Very tall, straight stems, Three, \$1.35; doz., \$4.10; 100, \$25.00
Field-grown.
Three 95c. doz \$2.40: 100, \$1750
6-inch pots.
LULA A. NEELEY. Large flowers of brilliant unfading oxbiood-red.
2 -inch pots.
MRS. PERRY. Apricot-pink, with eid-grown.

Three, 80c: doz \$250; 100, \$15.00 OLYMPIA Fully double Brillian Three, \$1.20; doz., \$3.70; 100, \$22.50 Field-grown.

Three, 95 c ; doz., $\$ 2.90$; 100 , $\$ 17.50$. Three, $\$ 1.35$; doz., $\$ 4.10$; 100 , $\$ 25.00$ ORIENTALE. The Oriental Poppy with great cup-shaped flowers of orange-scarlet, heavily black blotched at the base
Field-grown.
PERFECTION. Three, \$1.20; doz., \$3.70; 100, \$15.00
PERFETION. Large, well-formed, jasper-pink or light coral fiow $\$ 22.50$
Three $\$ 1.60$; doz., $\$ 4.90 ; 100$ w
G-inch pots.
PERRY'S WHITE. Very large and
Three, \$2.00; doz., \$6.00; 100, \$37.50
Field-grown. Three, \$í35; doz., \$4.10; 100, \$25.00. Three, \$1.75; doz., \$5.30; 100, \$32.50
PRINCESS ENA. Small tulip-shaped flowers of bright coral-pink. $\$ 17.50$
Field-grown. Three, $\$ 1.35$; doz. \$4.10; 100, \$25.00 -inch pots.
on heavy stems; pure scarlet. $\$ 27.50$
PROSERPINE. Immense flowers Three, $\$ 1.50$; doz., $\$ 4.50 ; 100, \$ 27.50$.
Field-grown. Three, \$1.90; doz., \$5.70; 100, \$35.00 ROYAL SCARLET. Richest scarlet, medium sized flowers in great prory show
Field-grown
Three, \$1.10; doz., \$3.30; 100, \$20.00 Three, \$1.50; doz., \$4.50; 100, \$27.50 SASS PINK. Very large, lovely flowers of delicate flesh-pink.
Field-grown.
Three, $\$ 2.00$; doz. $\$ 6.00 ; 100, \$ 37.50$. Field-grown TRIIBY 26 -in

Three, \$2.40; doz., \$7.30; 100, \$45.00 TRILBY. 26-in.
field-grown.

Impressive flowe 6 -inch pots

Three, \$1.35; doz., \$4.10; 100, \$25.00.

Field-grown.
Three, $95 \mathrm{c} ;$ doz., $\$ 2.90 ; 100, \$ 17.50$
6-inch pots.
Three, \$1.35; doz., \$4.10; 100; \$25.00

## SPECIAL COLLECTION OFFERS

12 different field-grown poppies, our selection, from the above list, separately labeled, for \$3.25, postpaid
12 different poppies in 6-inch pots, our selection, from the above list, separately labeled, for $\$ 4.50$, express collect.


Phlox decussata, Lilluan

## ®Phlox Amoena

This is one of the best varieties for carpeting the ground, in the rockery, on banks, or any place in full sun where it is difficult to grow grass. Height 4 inches and in the spring it becomes a veritable sheet of rich bright pink flowers. Three, 80c; doz., $\$ 2.50$; 100, $\$ 15.00$.

## Phlox Subulata

An early spring-flowering type with pretty moss-like foliage. The flowers completely cover the plant during April and May. An excellent plant for the rockery or to naturalize in the wild garden. 4 to 6 inches.

RALBA. White.
®BLUE HILL. Light blue; repeat
(8)LILACINA. Bright lilac color.
©ROSEA. Rose-pink.

Three, 80 c; doz., $\$ 2.50$; 100, $\$ 15.00$.
the fall.
Three, 80c; doz., \$2.50; 100, \$15.00. Three, 65 c ; doz., $\$ 2.00 ; 100$ \$ 12.50 .
Three, 65c; doz., \$2.00; 100, \$12.50.
eye.
Three, 80 c ; doz., $\$ 2.50 ; 100, \$ 15.00$.


## Phlox decussata - Hardy Phlox

Phlox is the backbone of the hardy border, as they carry a large share of its floral weight during the late summer and early fall months.

There are many introductions each year until the number available becomes confusing. We endeavor to reduce this confusion by offering only those varieties of proven merit. We offer one'-year-old, husky, fieldgrown plants-which is the best size for transplanting.

AFRICA. A brilliant carmine-red, with a blood-red eye. Well-shaped flower heads on strong stems. One of the best dark red sorts Three, 95 c ; doz., $\$ 2.90 ; 100, \$ 17.50$.
ATHIS. Tall salmon-pink with a violet eye. A striking landscape type. Three, 80 c ; doz., $\$ 2.50$; $100, \$ 15.00$.
B. COMTE. Tall-growing variety producing large heads of rich French purple. Three, 80c; doz., \$2.50; 100, \$15.00.
BORDER QUEEN. A dwarf variety that is well suited to use as a barder or edging for paths. Enormous heads of rose-pink flowers Three, 95 c ; doz., $\$ 2.90$; 100, $\$ 17.50$.
BRIDESMAID. Pure white with large crimson-carmine eye. Three, 80c; doz., \$2.50; 100, \$15.00.
COLUMBIA. Plant Patent No. 118. Choice and new cameo-pink with an exquisite light blue eye. Cut blooms last over a week in water. Three, $\$ 1.10$; doz., $\$ 3.30$; 100 , $\$ 20.00$.
DAILY SKETCH. The most distinct new Phlox we have seen in many years. The individual florets are large and the flower head is of good size. The color is a beautiful salmon-pink with a very large and noticeable carmine eye. Three, \$1.20; doz., \$3.70; 100, $\$ 22.50$.
ECLAIREUR. Very striking color and pattern; red-purple with very light aureole. Three, 80c; doz., \$2.50; 100, \$15.00.
E. I. FARRINGTON. Both bright and soft pink over salmon, with violet eye, very pleasing. Good for cutting.

Three, 80c; doz., $\$ 2.50 ; 100, \$ 15.00$.
EMAIN MACHA. Brilliant cardinal-red flowers on shapely trusses. The deepest true red Phlox. Three, \$1.35; doz.,
ENCHANTRESS. Soft salmon-pink with dark red eye
Three, 95c; doz., \$2.90; 100, \$17.50.
FEUERBRAND. Medium height; flowers of brilliant orange-scarlet, produced in abundance throughout the entire season.

Three, 95 c ; doz., $\$ 2.90 ; 100, \$ 17.50$.
FIANCEE. Pure waxy white. An outstanding variety.
Three, 65c; doz., $\$ 2.00 ; 100, \$ 12.50$.
GLOIRE DU MAROC. Purplish blue, Iarge crimson eye. At first and in dull weather, bright purple. Three, 95 c ; doz., $\$ 2.90 ; 100, \$ 17.50$. LEO SCHLAGETER. The most vivid fiery red of alt Phlox. The color is intensified by a tinge of orange in the red which enhances its richness. Height 3 feet. Three, \$1.20; doz., \$3.70; 100, \$22.50.
LILLIAN. A beautiful new light salmon-pink of the Elizabeth Campbell type, that is distinct in color and shape. Lillian is an outstanding variety that blooms over a very long period.

Three, 95c; doz., \$2.90; 100, \$17.50.
MIA RUYS. A dwarf waxy white variety that grows 12 inches high. The huge flower heads are made up of very large individual florets. A very fine variety of perfect form.

Three, $\$ 1.10$; doz., $\$ 3.30 ; 100$, $\$ 20.00$.
MISS LINGARD. This variety as well as the following (Miss Verboom) should not properly be under this general heading, as they are of a different species (suffruticosa). Miss Lingard has long, bright green toliage that shines in the sun and is entirely free from any disease. The large heads of pure white flowers have a slight tinge of pink at the center. It is the best early white Phlox.

Three, 95c; doz., \$2.90; 100, \$17.50.
MISS VERBOOM. (Pink Lingard.) Bright lilac-pink counterpart of Miss - Lingard. Three, 95 c ; doz., $\$ 2.90$; 100, $\$ 17.50$.
MORGENROOD. A new Holland introduction with the ruddy rose tints of the sunrise that deepen at the center.

Three, 95c; doz., \$2.90; 100, \$17.50.
MRS. JENKINS. Pure white, late flowering, of medium height, Very effective in large masses. Three, 80 c ; doz., $\$ 2.50 ; 100, \$ 15.00$.
MILLY VON HOBOKEN. A choice shell-pink, with a charming silvery reflex petal and a red eye. Three, 80c; doz., \$2.50; 100, $\$ 15.00$. NICOLAS FLAMMEL. Bright carmine-lake; a recent importation. Three, 80c; doz., \$2.50; 100, \$15.00.
NORDLICHT. Extremely large, flat florets with a warm lilac-blush and a violet-red eye. Three, \$1.10; doz., \$3.30; 100, \$20.00.
PALADIN. Warm salmon-pink, large cherry-red eye, quite striking. Three, 80c; doz., \$2.50; 100, \$15.00.
PASTEL. A dainty lilac-blue with a central star-like pattern of lighter Three, 95 c ; doz., $\$ 2.90$; 100, $\$ 17.50$.
P. D. WILLIAMS. The individual florets of this variety are larger than any other and are arranged in enormous pyramidal trusses. The color is a soft rose-pink with a darker center and the buds, as well as the reverse side of the petals, are rosy red. The color is practically fadeless, standing up well throughout the hottest weather

Three, $\$ 1.35$; doz., $\$ 4.10 ; 100, \$ 25.00$.
RHEINLANDER. Mottled salmon-pink, with claret-red eye. A splendid old variety of good growing quality and excellent habit.

Three, 80 c ; doz., $\$ 2.50$; 100, $\$ 15.00$.
R. P. STRUTHERS. A soft red, blended with salmon, rose and carmine. Three, 80c; doz., \$2.50; 100, \$15.00.
RIJNSTROOM. A lively shade of rose-pink, shaded with solid pink. This is an old variety that is still popular for the reason that it is a good strong grower of good habit. Three, 80 c ; doz.. $\$ 2.50 ; 100, \$ 15.00$.
VON HOCHBERG. Liquid amaranth-red. Very showy
Three, 80c; doz., \$2.50; 100, \$15.00.
VON LASSBURG. A tall, mid-season, waxy white variety with large trusses on good stems. Three, 80c; doz., \$2.50; 100, \$15.00.
WIDAR. The best two-color variety. Light reddish violet, with a striking white sunburst at the center

Three, 95 c ; doz., $\$ 2.90 ; 100, \$ 17.50$.

## Platycodon - Balloonflower

One of the most satisfactory hardy plants for use in the flower border or rockery. The blue or white balloon-shaped buds, that later open into stor or bell-shaped flowers, are borne at the ends of the slender, leafy stems. The plants grow from 1 to 2 feet high and are in flower all GRANDIFLORUM ALBUM. WHITE BALLOONFLOWER. Large, showy white flowers are produced all summer GRANDIFLORUM MARIESI. MARIE'S BALLÓ 95 c ; doz.; $\$ 2.90 ; 100$, $\$ 17.50$. dwarf variety with broad thick foliage and deep violet-blue flowers. fusion all summer. Plant in the front of the flower border great prorockery. Three, 95c; doz., \$2.90; 100, \$17.50.

## Plumbago - Leadwort

This plant is properly Ceratostigma plumbaginoides. It is so well known, however, under the name of Plumbago that we prefer to classify it under that heading. Lovely low-growing plants with leathery, small, heart-shoped leaves of a bronzy green color. An excellent plant for the rockery, for bordering paths or for the front of the hardy border. © LARPENTAE. LARPENT PLUMBAGO. Of dwarf, spreading habit, growing 6 to 12 inches high and covered, during the late summer and fall months, with exquisitely clear, deep blue flowers. $\mathbf{T h r e e , ~ \$ 1 . 1 0 ; ~ d o z . , ~ \$ 3 . 3 0 ; ~ 1 0 0 , ~} \$ 20.00$

## Primula Polyantha - Polyanthus Primrose

This is a garden group supposed to be hybrids of $P$. veris and $P$. elatior or P. acaulis. Distinct for garden purposes and is the commonest form of hardy Primrose found in American gardens. The large flower heads stand well above the long foliage. The colors are mostly yellow or red-and-yellow and running through orange, bronze, maroon and White. Perfectly hardy and blooming in earliest spring.
© GOLD LACE. A beautiful strain of large flowered rich yellow primroses. (8) RED All three, $\$ 1.20$; doz., $\$ 3.70 ; 100, \$ 22.50$. yellow, cream, orange, pink and red.
Three, 95 c ; doz. $\$ 2.90$; $100, \$ 17.50$.

## Pyrethrum - Painted Lady

Corrected botanical nomenclature transfers this plant to the Chrysanthemum group; however, it is so well known as Pyrethrum, that we will so classify it for the present. An ideal cut-flower with interesting fern-like leaves and daisy-like flowers on long stems. There ore both white. In bloom all summer but flowers are most abundant in June and July. Excellent for cutting
ROSEUM. PAINTED LADY. Single and double flowers in various colors. Fine for cutting.
ROSEUM FL..-PL. DOUBLE PAINTED LADE, 80c; doz., $\$ 2.50 ; 100, \$ 15.00$.
part of the above. Three, 95c; doz., \$2.90; 100, \$17.50.

## Ranunculus - Buttercup

Herbaceous plants of easy culture and with attractive flowers that are fine for cutting. They prefer a moist, loamy soil and are at home RREPENS or partial shade
F.,PL. DOUBLE CREEPING BUTTERCUP. This double-flowered Creeping Buttercup produces bright yellow flowers in May and

## Rudbeckia - Coneflower

Showy plants for the perennial border. They produce an abundance flowers that are fine for cutting
LACINIATA. CUTLEAF CONEFLOWER or GOLDENGLOW. An old favorite growing to 6 feet in height. The showy, double blossoms are produced in the late summer. The color is golden yellow and the dahlialike flowers often measure $21 / 2$ to $31 / 2$ inches across. SPECIOSA NEWMANNI. SHOWY CONEFLOWER. Deep orange-yellow flowers with a purple cone that are held on long wiry stems 3 feet in height. The blossoms are produced all summer and are fine for
Three, $95 \mathrm{c} ;$ doz., $\$ 2.90 ; 100, \$ 17.50$.
cutting.


## Salvia - Sage

Showy, hardy plants of medium growth and of easy culture in sunny AZUREA. AZURE SAZE. A Rocky Mountain species. Grows 3 to 4 feet high, producing, during August and September, pretty sky-blue flowAZUREA GRANDest profusion. Three, 80c; doz. $\$ 2.50 ; 100, \$ 15.00$. URA GRANDIFLORA (PITCHERI). GREAT AZURE SAGE. Similar gentian-blue color An outstanding habit, large flowers of a rich, early autumn. Three, 95c; doz., $\$ 2.90 ; 100, \$ 17.50$.

## Saponaria - Soapwort

Free flowering and easily grown rock plants, suitable also for the front of the hardy border. The plants are dwarf in growth, more or less tufted and compact. Blossoms are produced in profusion during the
(R)OCYMOIDES. ROCK SOAPWORT. Pretty, prostrate plants, with a pro fusion of rosy pink flowers borne just above the foliage during late
May and early June.
Three, 80 c; doz., $\$ 2.50 ; 100, \$ 15.00$.

## Saxifraga - Saxifrage

A large genius of plants that are very adaptable to the rockery and in masses, ot the margin of evergreen or shrub borders. They are at home in full sun or partial shade. The following varieties are of the group known as Giant-leaved Saxifragas or Megaseas.
CORDIFOLIA. HEARTLEAF SAXIFRAGE. The shiny, robust leaves are broad and fleshy, growing to $\}$ foot in height and remaining attractive throughout the summer. Clear rose colored flowers on short, fleshy stems appear in early spring
8 LINGULATA LEICHTLINI. TONGUee, $\$ 1.35$; doz., $\$ 4.10 ; 100, \$ 25.00$. red, rock garden subject. Three, $\$ 1.35$; doz., $\$ 4.10 ; 100, \$ 25.00$.

## Sempervivum - Houseleek

The name comes from the Latin words meaning, "live forever" and alludes to the well known tenacity of some of the species. Very attracfive, hardy, succulent plants for the rock garden or wall garden. The leaves are fleshy, pointed and arranged in rosettes. Small clumps spread slowly, filling the pockets and crevices between stones. Full sun and good drainage are their only requirements.
BGLOBIFERUM. GLOBE HOUSELEEK or HEN-AND-CHICKENS. Flat-
tened rosettes 2 to 3 inches in diameter, composed of gray-green leaves that are lightly tipped with brown. Pale yellow flowers on stems 1 foot in height appear in June and July. $\$ 2.50$; 100, $\$ 15.00$
®TECTORUM. ROOF HOUSELEEK. Large rosettes 3 to 4 inches broad, leaves pale green with distinct red-brown tips. The flowers are pale red on stems 1 foot high. This plant is often found growing between the roof slotes of houses, in the European countries. Three, 80c; doz., $\$ 2.50 ; 100, \$ 15.00$.



Thalictrum aquilegifolium album


Tritoma pfitzeri


Stokesia laevisis

## Sedum - Stonecrop

Sedums are one of the easiest plants to grow. An ordinary soil in a sunny position is all that is required. They vary in habit from dwarf creeping plants to those of upright growth, as in the case of Spectabile which reaches 2 feet in height. All kinds are excellent for the rockery and
Spectabile may be used as a border to walks or toward the front of the Spectabile may be used as a border to walks or toward the front of the perennial border.
§ ACRE. GOLDMOSS. A prostrate variety with yellow flowers. This is one of the commonest species in cultivation and is often used for解 B ALBUM. WHITE STONECROP. Dwarf and spreading with thick, round

Three, 65 c ; doz., $\$ 2.00$; 100, $\$ 12.50$. KKAMTSCHATICUM. ORANGE STONECROP. Dark green foliage on pinkish or greenish stems, 6 to 8 inches long. Flower heads 1 to 3 inches ocross and orange-yellow in color. An excelsent rock plant

Three, 95 c ; doz., $\$ 2.90 ; 100, \$ 17.50$. BKAMTSCHATICUM VARIEGATED. VARIEGATED GOLDEN STONEcrop. One of the best, because of its handsome, golden variegated summer. Three, $\$ 1.10$; doz., $\$ 3.30 ; 100, \$ 20.00$. § REFLEXUM, VARIETY CHAMELEON. CHAMELEON JENNY STONECROP. Dwarf and of spreading habit. The young shoots are covered with round, prickly, fleshy leaves that are green at first but as the season advances, the tips change to various colors. The flowers are bright canary-yellow. Three, \$1.10; doz., \$3.30; 100, \$20.00. SARMENTOSUM. STRINGY STONECROP. Leaves bright yellowish green on prostrate stems; flowers yeliow. A rapid growing species © SEXANGULARE. HEXAGON STONECROP. Very dark green foliage; flowers yellow. Habit, much the same as Acre. $\mathrm{Three}, 80 \mathrm{c}$; doz., $\$ 2.50 ; 100, \$ 15.00$. ESIEBOLDI. SIEBOLD STONECROP. A shrubby species 6 to 8 inches high. The succulent gray-green foliage is very attractive as well as the pink flowers that appear in September. One of the loveliest sorts for the rockery. Three, \$1.10; doz., \$3.30; 100, \$20.00. SPECTABILE. SHOWY STONECROP. One of the prettiest erect growing species. 18 inches in height. Foliage broad, light green; flowers rose-
colored in immense flower head Three, 95c; doz., \$2.90; 100, \$17.50.
SPECTABILE, BRILLIANT. BRILLIANT SHOWY STONECROP. Same as the above except that the flowers thre 95 , $\$ 17.50$ § STOLONIFERUM COCCINEUM. SCARLET RUNNING STONECROP. A very fast spreading species, 6 inches in height. Flowers rosy-crmmon during for covering sandy banks. 「hree, 95 c ; doz., $\$ 2.90 ; 100, \$ 17.50$.

## Trollius, Orange Devonshire



## Statice - Sea-Lavender

Sea-Lavender blossoms are one of the so-called "Everlastings," since the flower heads remain decorative for a long time after cutting. The plant is admirably suited to the rockery and flower border.
® LATIFOLIA. BIGLEAF SEA-LAVENDER. Minute, purplish blue flowers in immense heads often measuring 2 feet across, in bloom during July and August. Invaluable as a cut flower. Height 18 inches.

Three, 95 c; doz., $\$ 2.90 ; 100, \$ 17.50$.

## Stokesia - Stokes' Aster

One of the choicest and most distinct native perennials bearing Chino Aster-like flowers in late summer.
LAEVIS (CYANEA). STOKES' ASTER. Beautiful light blue aster-like blossoms (often measuring 4 inches across) are borne in profusion during the lote summer months. Height 18 inches. An excellent cut flower. Three, 95 c ; doz.s $\$ 2.90$; 100, $\$ 17.50$. LAEVIS ALBA. WHITE STOKES' ASTER. White flowered form of the above. Three, $\$ 1.10$; doz., $\$ 3.30 ; 100, \$ 20.00$.

## SWEET WILLIAM. (See Dianthus barbatus)

## Thalictrum - Meadowrue

Very decorative plants for the perennial border or wild garden. They have attractive Columbine or Maidenhair-like foliage that is in itself useful in bouquets. The flowers are borne in fluffy, feathery clusters and are excellent for cutting.
AQUILEGIFOLIUM. COLUMBINE MEADOWRUE. Charming foliage like
that of the Columbine with rosy-purple flowers during June and July.
Height 3 feet. Three, $\$ 1.10$; doz., $\$ 3.30 ; 100, \$ 20.00$. AQUILEGIFOLIUM ALBUM. WHITE COLUMBINE MEADOWRUE.'A white flowered counterpart of the above.

Three, $\$ 1.10$; doz. $\$ 3.30 ; 100, \$ 20.00$.
GLAUCUM. DUSTY MEADOWRUE. Similar in habit to Aquilégifolium with blue-gray foliage that is rather finely divided. The flowers are fragrant and of a beautiful Chinese yellow color. $\$ 3.70$; 100, $\$ 22.50$.

Three, \$1.20; doz., \$3.70; 100, \$22.50.

## Thymus - Thyme

Thyme is a prostrate growing plant with a strong, mint-like odor. Excellent plants for the roockery, as a ground cover for dry waste places or for filling the openings between flagstone walks. Also used in Sweet हSERPYLLUM COCCINEUS. CRIMSON THYME. This is the crimson flowered Mother-of-Thyme. Forms dense mats of dark green foliage and clouds of miniature, dark red flowers during June and July.

Three, 95 c ; doz., $\$ 2.90$; 100 , $\$ 17.50$.

## Tradescantia - Spiderwort

One glance ot this hardy, delicately flowered plant, carries one back to early American gardens. Spiderwort has been planted since earliest colonial days and has come down to us (many times in neglected gardens, as the only surviving plant from the original planting). A succession of flowers is produced on fleshy stems with narrow purple veined leaves. A fine subject to plant in difficult positions, does well in shade, at the base of the house or porch where more delicate plants cannot be grown. The original species carried only delicate blue flowers but recent introductions have made other colors available.
VIRGINIANA. VIRGINIA SPIDERWORT. Purplish blue flowers all summer. Height 18 inches. Three, 85 c ; doz., $\$ 2.50 ; 100, \$ 15.00$. VIRGINIANA ALBA. WHITE SPIDERWORT, A pure white counterpart VIRGINe above. Three, $\$ 1.10$. doz red form of the pre-

## Trollius - Globeflower

Globeflowers are members of the Buttercup family. They produce large globular flowers and rich green foliage. Beautiful plants for the perennial border, wild garden or for planting by the waterside. Few plants make a brighter display during spring and early summer. Useful as a cut flower
GOLD QUELLE. A deep yellow flower with rich golden stamens.
Three, \$1.20; doz., \$3.70; 100, \$22.50.
ORANGE DEVONSHIRE. Deep orange buttercup
ORANGE GLOBE Free flowering plants producing giont, blossoms on stems 1 to 2 feet high from May until August Three, $\$ 1.20$; doz., $\$ 3.70$; 100, $\$ 22.50$.


Viola odorata, Frey's Fragrant


Veronica rupestris nana


Veronica longitolia subsessitis

## Tritoma - Torchlily

semi-tropical and showiest of all garden plants when in bloom. Rush like foliage with thick flower stalks 3 feet high and a single fiery cone PFITZERI (KNIPHOFIA UVARIA). BONFIRE TORCH LILY S Superb Strain. Brilliant scarlet petals rimmed with orange. Blooms
 TOWERS OF GOLD. Uniform flower hea, $\$ 1.10 ;$; and early September. A brilliant componion for the scarlet and gold Pfitzeri- Use a heavy winter mulch

Three, $\$ 1.20$; doz., $\$ 3.70 ; 100, \$ 22.50$. QUARTINIANA KNIPHOFIA FOLIOSA. SWORD TÖRCH LILY. A hardy perennial variety, blooming late in May with flower cones 10 to 12
iriches long. Orange-red at first but bottom half yellow matures.

Three, 95 c ; doz., $\$ 2.90 ; 100, \$ 17.50$.

## Tunica - Tunicflower

A hardy perennial of the Pink family growing 6 to 10 inches high with delicate, wiry stems and white, lovender or rosy pink, Babysbreath like flowers. Excellent for the rock garden, rock wall or in the front of the flower border
©SAXIFRAGA. SAXIFRAGE TUNICFLOWER. A pretty tufted plant with White, lavender or rosy pink flowers that are produced all summer.

## Veronica - Speedwell

Beautiful hardy perennials varying in habit from prostrate varieties for the rockery or wall gardens, to upright sorts, 2 to 3 feet high that are indispensable for the flower border. The prostrate varieties make excellent ground covers for the areas between flagstones in walks or BLUE SPIRES. Lovely deep blue spikes of flowers throughout the early summer. The plant is of bushy, upright habit, with clean foliage and reaches a height of 2 feet. This is a variety of recent introduction
that has real merit. BINCANA. WOOLLY SPEEDWELL. 1 foot. Silver foliage; violet-blue LONGIFOLIA SUBSESSILIS. CLUMP SPEEDWELL green leaves, deep indigo-blue fiend to September. Three, 95 c ; doz., $\$ 2.90$; 100, $\$ 17.50$. (8)RUPESTRIS NANA. ROCK SPEEDWELL. 2 inches. Creeping plants with small, dark laoves. Gentian-blue flowers. April and May. An excellent matting type. Three, 80c; doz., \$2.50; 100, \$15.00. SPICATA ROSEA. PINKSPIKE SPEEDWELL. 18 inches. Rose-pink flowers sPURIA (AMETHYSTINA). Amethyst-be $\$ 1.10$; doz., $\$ 3.30 ; 100, \$ 20.00$. SPURIA (AMETHYSTINA). ROYAL BLUE SPEEDWELL $\$ 2.50 ; 100, \$ 15.00$.
 TREHANI. 8 inches. The foliage makes a golden carpet, which is sur mounted with deep gention-blue flowers in May. \$3.30; 100, \$20.00

## Viola - Tufted Pansy

These popular garden flowers are hybrids of Viola cornuta. They differ from the well known Pansy in that they are more compact in growth, more continuous flowering and the colors are more constant.
Violas bloom all summer and are excellent subjects for brightening the rockery, as edgings or for planting among spring flowering bulbs. (BADMIRATION. Rosy purple flowers that are almost as large as a
Pansy and are borne continuously throughout the summer Pansy and are borne continuously throughout the summer $\quad$ Three, 80 c doz., $\$ 2.50 ; 100, \$ 15.00$. APRICOT. Large blooms of various shades of apricot from May to B) BETTY. A new Viola of a lovely pale mauve shade. In bloom through out the summer. ® BLUE PERFECTION. Light blue fl owers throughout the summer
Three, 80c; doz., \$2.50; 100, \$15.00. ®JERSEY GEM. The peerless Viola that blooms from April until snow Three, 95 c ; doz., $\$ 2.90 ; 100, \$ 17.50$. ®AVALANCHE. Fine large flowers of pure white. $\quad$ Three, 80 c ; doz., $\$ 2.50 ; 100, \$ 15.00$. ® YELLOW QUEEN. The finest deep golden yellow. Large size, continu-

## Viola Odorata - Sweet Violet

drainage. They will grow in fuil sun or partigl shade and forced in the hothouse for winter cut flowers
DOUBLE RUSSIAN. Hardy anyrere, procuing BFREY'S FRAGRANT. Rich Durple flowers that Three, 95 c ; doz., $52.90 ; 100,517.50$. ®PRINCE OF WALES. Single, sweet scented, pich deep purple flowers grows well in the shade. The best of the singles, also valuable for Three, 95 c, doz., 2.90 ; 100, \$17.50.
ROSINA. A soft pirk
and again in the autumn. Delightfully frogrant. It will grow in full un but does best in portial shode. Three, 95 c ; doz., $52.90 ; 100,517.50$ THE CZAR WHITE. Most popular of the white Sweet Violets. Large pure white flowers on long stems, Three, \$1.35; doz., 54.10; 100, 525.00

## VINCA MINOR-COMMON PERIWINKLE <br> See Broadleaf Evergreens, page 29.

## Yucca - Adam's Needle

Stately perennials with stiff, evergreen, sharp poirted lecves that are blue-green in color and arranged in rosettes. Giont flower heads of mer. Very effective in the flower border, as clum:ss in front of high shrubs or evergreens and indispensable in large rockeries.
FILAMENTOSA. COMMON YUCCA. Hardy plants with sword-like leaves and giant flower heads during the summer.

Three, 95 e ; doz., $\$ 2.50$; $100, \$ 15.00$. FILAMENTOSA VARIEGATA. VARIEGATED COMMON YUCCA. This with golden yellow, leaving a central strip of green. $530,100,520.00$

> Viola, Jersey Gem


Acer palmatum atropurpurum


## ACER-THE MAPLES

No shade tree is so well known, more generally planted or so popularly loved as the Maple. The rounded density and color richmaple. The rounded density and color richness of Norway and Schwedter prevall as pecimens in spacious lowns, the Sugar lines un majestically along the road; the Silver finds occupation as quick shading for western exDasycarpum. SILVER MAPLE Dasycarpum. SILVER MAPLE. 80 feet. It makes a broad, bulky, but pointed topped tree, reaching shading size quicker than any other variety

6-8 ft., Each \$1.00; 10, \$9.00 8-10 ft., Each \$1.25; $10, \$ 11.25$ $11 / 4-11 / 2$ in., Each $\$ 1.50 ; 10, \$ 13.50$ Negundo. BOXELDER. 50 feet. Attractive and rapid growing, with light green foliage and spreading head; very hardy. Desirable for street planting and does well in sections where other varieties fail.

6-8 ft., Each $\$ 1.00 ; 10, \$ 9.00$ 8-10 ft., Each $\$ 1.25 ; 10, \$ 11.30$ $11 / 4-11 / 2$ in., Each \$1.50; 10, \$13.50 Palmatum atrodurpureum. BLOOD-LEAVED JAPANESE MAPLE. 20 feet. A very striking tree in spring when its leaves are blood-red; later they change to dark purple, retaining this ottractive color throughout the season. This small tree is often used on lawns, but is most effective when contrasted with evergreens. $B$. E B

18-24 in., Each \$2.50; 10, \$22.50 2-3 ft., Each $\$ 3.75 ; 10, \$ 33.70$ Platanoides. NORWAY MAPLE. 50 feet. A large, handsome tree with a round head; sirable for street, park or lawn

6-8 fr., Each \$1.75; 10, \$15.80
8-10 ft., Each \$2.00; 10, \$18.00
$11 / 4-11 / 2$ in., Each $\$ 2.50 ; 10, \$ 22.50$ Platonoides schwedleri. SCHWEDLER MAPLE. 50 feet. The "Purple Norway's" beautiful leaves attract attention at all seasons, but aming with the red and purple contrast brightly $6-8 \mathrm{ft}$. Each $\$ 300$.
6-8 ft., Each $\$ 3.00$; 10, $\$ 27.00$ 8-10 ft., Each \$4.00; 10, \$36.00 saccharum. SUGAR MAPLE. 80 feet. This tree is chieftain of its clan; stroight, spreading, symmetrical, of grand proportions and long-
lived. Grows well in all except damp, soggy lived. Grows well in all except damp, soggy soils. This is the most appropriate type of
Maple for street planting Maple for street planting.
 8-10 ft., Each $\$ 2.25 ;$ 10, $\$ 20.00$ Saccharum wieri. WIER MAPLE. A Silver Maple with remarkable and beautifully dissected foliage. Of rapid growth; shoots slender and drooping.

6-8 ft., Each \$1.75; 10, $\$ 15.80$ 8-10 ft., Each $\$ 2.00 ; 10, \$ 18.00$

## AESCULUS-_HORSECHESTNUT

Hippocastanum. 50 feet. White flowering. The well-known European species; very handsome; has magnificent spikes of white flow. ers borne in profusion and sweetly scented. $4-5 \mathrm{ft}$., Each $\$ 1.50$; 10, $\$ 12.50$
$\begin{array}{llll}5-6 & \mathrm{ff} ., \text { Each } \$ 2.00 ; & 10, \$ \$ 18.00 \\ 6-8 & \text { ft, Each } \$ 3.00 ; & 10, & \$ 7.00\end{array}$
6-8 ft., Each $\$ 3.00$; 10, $\$ 27.00$
Carnea. RED HORSECHESTNUT. Ídentical with the above, but has the most striking and lovely red flowers. Very distinctive, worth while and scarce, there being only a few trees in existence in North America. A true aristocrat. 50 feet.
3.4 ft ., Each $\$ 3.50$; 10, $\$ 31.50$
$\begin{array}{lll}\text { 4.5 } & \text { ft., Each } \$ 5.00 ; & 10, \$ 45.00 \\ 5-6 & \text { ft., }\end{array}$

## AILANTHUS-TREE OF HEAVEN

Glandulosa. 40 feet. An extremely rapid arower with brilliant green, palm-like leaves. Thrives in city lots exposed to gas and smoke, and in soil where other trees perish.
$6-8 \mathrm{ft}$. Each $\$ 2.00$; 10, $\$ 18.00$ 8-10 ft., Each \$2.50; 10, \$22.50

SENT BY EXPRESS OR
T, CHARGES FREI

## COLLECT

ot 10 rate; 25 ot 100 rate; 250 at 1000 rate, if listed.

## ARALIA_DEVIL'S WALKING STICK

Spinosa. 20 feet. Handsome small tree with spreading umbrella top. Foliage immense, finely divided; broad flat panicles of creamy white flowers in July, the whole creating a distinctly tropical effect.

4-5 ft., Each \$1.50; 10, \$13.50 5-6 ft., Each \$2.00; 10, \$18.00 BETULA - BIRCH



Ulmus parvifolia-Chinese Elm
(See page 24)


Prunus triloba-Flowering Plum
See page 23)
Acts.

## Flowering Crab

These small flowering trees are lovely in all seasons, from early spring when they are covered with deep-colored shiny buds followed by their smothering display of full-blown flowers. In fall they sparkle with brilliant fruits, varying in size and color according to the variety.

Illustrated is Malus hopa. In fall this tree will be covered with crimson fruits that attract birds. This and other varieties are offered on page 22

## CORNUS

Florida. WHITE FLOWERING DOGWOOD. 15-20 feet. Flowers white, 3 to $31 / 2$ inches in diameter, in spring before leaves appear. Used in all shrub background and corner groups sparkling white bloom in spring, and crimson autumn foliage

2-3 ft., Each $\$ 1.00 ; 10, \$ 9.00$ 3-4 ft., Each \$1.50; 10,' \$13.50 4-5 ft., BEB, Each \$3.00; 10, \$27.00 $5-6 \mathrm{ft} . \mathrm{B}, \mathrm{B} \& \mathrm{~B}$, Each $\$ 4.25 ; 10, \$ 38.25$ 6-8 ft., BEB, Each \$6.00; 10, \$54.00 8-10 ft., B\&B, Each \$8.00; 10, \$72.00 , trees in the following sizes.

5-6 ft., BGB, Each $\$ 10.00$ $6-8 \mathrm{ft.}$, BGB, Each $\$ 15.00$ 8-10 ft., B\&B, Each \$20.00 Florida rubra. RED FLOWERING DOGWOOD. 15 to 20 feet. Slower growing and more form ally shaped, with handsome rose-red flowers. An attractive lawn specimen or group sub

2-3 ft., Each \$2.00; 10, \$18.00 5 ft fr., Each \$3.00; 10, \$27.00 -5 ft., BEB, Each \$5.50, 10, \$49.50 We have a limited, supply of ;his, \$67.5 extra heavy specimen material, as follows:

4-5 ft., BEB, Each \$12.50 5-6 ft., BGB, Each \$15.00 lorida welchi. VARIEGATED LEAVED DOGWOOD. 15 to 20 feet. The leaves are beau tifully blotched, tinted and bordered creamy white in early spring, changing to carmine enter and crimson border in mid-summer and foll, the tree holding magnificent color ing the entire season

2-3 ft., Each $\$ 2.00$; 10, $\$ 18.00$ $4-5 \mathrm{ft}$. , BEB, Each $\$ 5.50$; 10, \$50.00

## FAGUS

Sylvatica. EUROPEAN BEECH. 80 feet. Mag icent, compact tree with a straight trunk mooves which turn to reddish brow, in in au tumn.
$5-6$ ft., BGB, Each \$6.00; 10, \$54.00 6-8 ft., BEB, Each \$8.75; 10, \$78.00 8-10 ft., B\&B, Each \$15.00; 10, \$135.00 $1 / 4-11 / 2 \mathrm{in}$., BEB Each \$25.00: 10, \$225.00 $1 / 2-13 / 4$ in ., BEB, Each $\$ 30.00$ 3/4-2 in., BEB, Each $\$ 35.00$ $2-21 / 2$ in., BEB, Each $\$ 40.00$ 2 $1 / 2-3$ in., BGB, Each $\$ 45.00$

## FRAXINUS

Americana. WHITE ASH. 80 feet. A tall, rapid grower, with smooth gray bark and glossy and has been used very satisfactorily for comparatively quick growing street align-

6-8 ft., Each \$1.50; 10, \$13.50 8-10 ft., Each \$2.00; 10, \$18.00 $11 / 4-1 \frac{1}{2}$ in., Each \$2.50; 10, \$22.50

Ginkgo biloba-Maidenhair Tree


## CRATAEGUS

Coccinea, THICKET HAWTHORN. 20 feet small tree, densely branching: useful for impenetrable backgrounds

3-4 ft., Each $\$ 1.75 ; 10, \$ 16.00$
4 -5 ft., BEB, Each $\$ 3.00$; 10, $\$ 27.00$
5-6 ft., BEB, Each \$3.75; 10, \$33.00
6-8 \$t., BGB, Each \$5.00; 10, \$45.00 Cordata. WASHINGTON HAWTHORN. 25 feet Recommended for either border plantings or mall white flowers from May to tune fol lowed in the fall by many small, scarlet ruits.

2-3 ft., Each $\$ 1.25 ; 10, \$ 11.80$
$4-5 \mathrm{ft}$., BEB Each $\$ 3.00$ : 10, $\$ 27.00$
$5-6 \mathrm{ft}$., BEB B, Each \$3.75; 10, \$33.00
Crusgalli. COCKSPUR THORN 20 feet Widely extended horizontal branches, flat-topped effect. Flowers whife with tinge of red.
$2-3 \mathrm{ft} .$,
$3.4 \mathrm{ft}$. Each, $\$ 1.25 ; 10, \$ 11.80$
$\$ 1.75 ; 10, \$ 16.00$
$4-5 \mathrm{ft} ., \mathrm{BEB}$, Each \$3.00; 10; \$27.00 Mollis. DOWNY HAWTHORN. 20 feet. Long spines and long double-toothed leaves. Flow
$5-6 \mathrm{ft} ., \mathrm{BEB}$, Each $\$ 4.50 ; 10, \$ 40.50$
$6-8 \mathrm{ft} ., \mathrm{B}$ BB, Each $\$ 7.00$; 10, $\$ 63.00$
8-10 ft., B\&B,'Each $\$ 10.00,10, \$ 90.00$ Oxyacantha (Two Stone). ENGLISH HAWTHORN. 15 feet. Long spines very heavy, long leaves deeply toothed, white flowers right red fruit with two stones or seeds. 3-4 ft.' Each $\$ 2.00 ; 10, \$ 18.00$
ft., BEB, Each $\$ 3.50 ; 10, \$ 31.50$
$5-6 \mathrm{ft} ., \mathrm{BGB}$, Each \$4.50; 10, \$40.00 Oxvacantha sDlendens. PAUL DOUBLE SCARLET HAWTHORN. 15 feet. Flowers deep crim-son-scarlet, very double. This is one of the most attractive small trees for solitary specibloom

5-6 ft., B\&B, Each \$4.50; 10, \$40.00 6-8 ft., BGB, Each \$6.50; 10, \$58.50 8-10 ft., BEB, Each \$8.50; 10, \$76.50 10-12 ft., BEB, Each \$11.50; 10, \$103.50

## GINKGO

Biloba. MAIDENHAIR TREE. 80 feet. A rare elegant tree from Japan with singular, alother tree; of free growth, with angular independent branches each quite distinct

5-6 ft., Each $\$ 2.50$; 10, $\$ 22.50$
$6-8$ ft., Each $\$ 3.00$; 10, $\$ 27.00$ - $11 / 2$ in., Each $\$ 5.00$; 10, $\$ 36.00$

## GLEDITSIA

Triacanthos. COMMON HONEYLOCUST. 80 feet. A large, vigorous tree, with wideleaves, and a stout armament of thorns Makes a fine def

## 3-4 ft., Ench \$1.50; 10, \$13.50 4-5 ff., Each \$1.75; 10, \$15.80 GYMNOCLADUS

Dioica. KENTUCKY COFFEETREE. 65 feet. A branches uniquely free from cluttering branchlets, thus making a clean-cut silhouette. The bluish foliage is twice-pinnate, 2 to 3 feet long, of airy grace and beauty. terminating the new branches of the same season are followed by picturesaue elusters of large, flat, reddish seed pods persisting through the winter. Each $\$ 1.50,10, \$ 13.50$
ft., Each \$1.50; 10, \$13.50 JUGLANS
Cinerea. BUTTERNUT. 50 feet. The Butternut or White Walnut, as it is sometimes called, is much hardier than the Black Walnut. It Black Walnut, succeeds best on a rich welldrained loam. The fruits are borne sing wellin pairs, kernels very sweet and good. One of the most shapely and becutiful trees One 2-3 ft., Each $\$ 1.00$; 10, $\$ 9.00$ $3-4$ ft., Each $\$ 1.50 ; 10$, \$13.50 Nigra. BLACK WAL'NUT. 100 feet ${ }^{\text {fin }}$, 18.00 mate heis famous nut-bearing trees. Ultimate height 100 feet. Rate per year, 2 to 3
feet

4-5 ft., Each \$1.25; 10, \$11.30 $\begin{array}{lll}5-6 & \mathrm{ft.} \text {., Each } \$ 1.75 ; & 10 ; \\ 6-8 \mathrm{ft}, \text { Each } \$ 2.50 ; & 10, & \$ 22.50\end{array}$ KOELREUTERIA
Paniculata. GOLDENRAIN TREE. 30 feet. A when scongled with feet high, showy in July qolden yellow flowers, and in autumn when foliage colors to gold and crimson when

3-4 ft., Each \$1.50; 10, \$13.50
4-5 ft., Each $\$ 2.00 ; 10$, \$18.00
$\begin{array}{ll}5-6 & \text { ft., Each } \$ 2.75 ; 10, \\ 6-8 & \text { ft., Each } \$ 3.50 ; 10, \\ \$ 31.50\end{array}$


Fagus sylvatica - European Beech

## Koelreuturia paniculata-Goldenrain Tree




## Malus - Flowering Crabs

No tree could be more lovely than these miall trees in their first stage of deep colored, round, shiny buds, their second stage of part buds and part opened flowers, followed by a in the fall the trees are sparkling with brilliant fruits varying in size and color, according to the variety
Arnoldiana. ARNOLD CRAB. 12 feet. A populor variety; early flowering, semi-double pink, with splendid foliage and yellow fruit. $\begin{array}{ll}3-4 & \text { ft., Each } \$ 1.50 ; \\ 4-5 & \text { ft., Each } \$ 2.00 ; 10 ;\end{array} 13.50$ $\begin{array}{ll}\text { 4-5 ft., Each } \$ 2.00 ; \\ 5-6 & \text { ft., Each } \$ 2.75 ; \\ \text { 10, } \$ 24.80\end{array}$ $\begin{array}{lll}5-6 & \mathrm{ft} ., & \text { Each } \$ 2.75 ; \\ 6.8 & \text { tt., Each } \$ 3.50 ; & 10, \$ 31.50\end{array}$ 6-8 ft., Each $\$ 3.50$; 10, $\$ 31.50$
$8-10$ ft., Each $\$ 4.50 ; 10$, 40.50 $11 / 2-2$ in., BEB, Each $\$ 6.00$; 10, $\$ 54.00$ $21 / 2-3$ in., BEB, Each $\$ 8.00 ; 10, \$ 72.00$


Larix europaea-European Larch

Atrosanguinea. CARMINE CRAB. 15 feet. This Crab is distinguished from others by its redder buds of startling beauty, which open red instead of white, and its reddish yellow fruit It is an especially desirable variety for the fading color of the blossoms make it stand out among the flowering trees.

3-4 ft., Each \$1.50; 10, \$13.50
$\begin{array}{ll}\text { 4-5 ft., Each } \$ 2.00 ; \\ 6-8 & \text { ft., Each } \$ 3.50 ;\end{array}$
$\begin{array}{r}6-8 \\ \text { ft., Each } \$ 3.50 ; \\ 8-10 \text { ft., Each } \$ 4.50 ; 10, \$ 31.50 \\ \hline 40.50\end{array}$
Coronaria. WILD SWEET CRAB. 30 feet. A round-headed tree, with spiny branches and heart-shaped, serrated leaves. Clustered rose pink flowers; yellowish fruit with red cheek.

3-4 ft., Each \$1.00; 10, \$9.00 4-5 ft., Each \$1.50; 10, \$13.50 Floribunda. JAPANESE FLOWERING CRAB. 20 feet. A larger small tree, often thorny, with 3-4 ft., Each $\$ 1.50 ; 10, \$ 13.50$ $4.5 \mathrm{ft} .$, Each $\$ 2.00 ; 10$, \$ 18.00 $5-6$ ft., Each \$2.75; 10, \$24.80 6-8 ft., Each \$3.50; 10, \$31.50 8-10 tt., Each \$4.50; 10, \$40.50 Halliana parkmani. PARKMAN CRAB. 15 feet, Dwarf, with long-stemmed semi-double flowers of deep rose color wreathing its branches $\begin{array}{ll}3.4 & \text { ft., Each } \$ 1.50 ; \\ 6.8 & 10, \$ 13.50 \\ \$ 3.50 ; & 10, \$ 31.50\end{array}$ 8-10 ft., Each \$4.50; 10, \$40.50 Hopa. HOPA CRAB. 12 feet. Beautiful in spring with a wealth of rose-crimson flowers son fruits.
3-4 ft., Each $\$ 1.50 ; 10$, $\$ 13.50$ $4-5$ ft., Each $\$ 2.00 ; 10$, \$18.00 6-8 ft., Each \$3.50; 10, \$31.50 2-2 1/2 in., BKB, Each \$8.00; 10, \$72.00 $21 / 2-3$ in., B\&B, Each $\$ 10.00 ; 10, \$ 90.00$ loensis plena. BECHTEL CRAB. 15 feet. When in bloom, appears to be covered with delicate pink, perfectly double small blooms of deicious fragrance.

2-3 ft., Each \$1.00; 10, \$9.00 3-4 ft., Each $\$ 1.50 ; 10, \$ 13.50$ 4-5 ft., Each $\$ 2.00$; 10, $\$ 18.00$ $5-6$ ft., Each $\$ 3.50 ; 10, \$ 31.50$

Niedzwetzkyana. REDVEIN CRAB. 20 feet. Purplish foliage and bark; large, deep pink flowers; edible red fruit.
$3-4$ ft., Each \$1.50; 10, \$13.50
$4-5 \mathrm{ft} .$, Each $\$ 2.00$; 10, $\$ 18.00$ $11 / 2-2$ in., BEB, Each 6.00; 10, $\$ 54.00$ 2-2 $1 / 2$ in., BEB, Each $\$ 8.00$; 10, $\$ 72.00$ $21 / 2-3$ in., BEB, Each $\$ 10.00 ; 10, \$ 90.00$
Purpurea eleyi. ELEY CRAB. 18 feet. Brilliant purplish red foliage, vinous red flowers; the dark red fruits spectacular

4-5 ft., Each \$2.00; 10, \$18.00
5-6 ft., Each \$2.75; 10, \$24.80
$1-11 / 2$ in., BEB, Each \$6.00; 10, \$54.00
1 $1 / 2-2$ in., $B E B$, Each $\$ 8.00 ; 10, \$ 72.00$
$2-21 / 2$ in., BEB, Each $\$ 10.00 ; 10, \$ 90.00$
Sargenti. SARGENT CRAB. Sargent Crab is a spreading, shrub-like tree, which assumes an almost creeping habit, making it suitable for small lawns and rock gardens. The profuse blooms of white and yellow flowers are followed by vivid scarlet fruits, which are retained almost all winter.

2-3 ft., Each \$2.00; 10, \$18.00
3-4 ft., Each \$3.00; 10, \$27.00
scheideckeri. SCHEIDECKER CRAB. 20 feet. An extremely free flowering variety, the upright branches laden full length with double make excellent jelly. $\$ 1.50$, 10 \$ 13.50

4-5 ft., Each \$2.00; 10; \$18.00
$8-10 \mathrm{ft}$. , Each $\$ 4.50 ; 10, \$ 40.50$
Sieboldi. TORINGO $C R A B$. 15 feet. Flowers
blush-pink; fruits yellowish red. 10, \$13.50
5 th, Each $\$ 2$. Spectabilis. CHINESÉ FLOWERING CRAB 15 pectabilis. CHINESE FLOWERING CRAB. feet. Narrow foliage, glossy above, glabrous pand into pretty rose colored flowers. Fruits pand into pretty rose colored flowers. Fruits

3-4 ft., Each \$1.50; 10, \$13.50
5-6 ft., Each \$2.75; 10, \$24.80
$\begin{array}{rl}6-8 & \mathrm{ft} ., \\ 8-10 & \mathrm{ft} ., \\ \text { Each } \\ \text { Each }\end{array} \$ 4.50 ; 10 ; \$ 31.50$

## LARIX

Europaea. EUROPEAN LARCH. 80 feet. A rapid growing tree with dark green foliage an evergreen but does not retain its foliage in the winter.
 4-5 ft., B\&B, Each \$4.00; 10, \$36.00

## LIRIODENDRON

Tulipifera. TULIP TREE. 100 feet. One of the grandest of our native trees; of tall pyramidal habit, with broad, glossy, fiddle-shaped leaves of a clean, rather bluish green shade which in fall turns brightest yellow. The inches long, light greenish yellow, marked at inside base with orange May and June

4-5 ft., B\&B, Each $\$ 3.25$; $10, \$ 29.30$

## Magnolias

Acuminata. CUCUMBERTREE. 70 feet. A wellknown native of our mountains, conical in shape and with large, glaucous leaves, making it attractive. The flowers are fragrant, usually a dull, white color, followed by elongated green seed clusters which later coral. 6-8 ft., Each \$3.00; 10, \$27.00 $8-10$ ft., Each $\$ 4.00$; 10, $\$ 36.00$ Glauca. SWEETBAY. 25 feet. Best planted in moist soil. Broad, glossy leaves almost evercups are lovely and exquisitely fragrant

2-3 ft., BGB, Each \$2.25; 10, \$20.00
2-4 ff., BEB, Each \$3.25; 10, \$29.00 4-5 ft., BEB, Each \$4.25; 10, \$38.00 Kobus. KOBUS MAGNOLIA. 30 feet. A native of Japan, having a narrow, pyramidal head. Leaves roughly pointed. Fowers 4 to 5 inches across. One of the hardiest species, but
$5-6$ ft., BEBB, Each $\$ 6.00 ; 10, \$ 54.00$ $6-8 \mathrm{ft} ., \mathrm{BEB}$, Each $\$ 7.50$; 10, $\$ 67.50$ $8-10$ ft., BGB, Each \$9.50; 10, $\$ 85.50$

Soulangeana. SAUCER MAGNOLIA, 20 feet. A sturdy, picturesque tree of moderote size, covered in early spring with giant rose-pink blossoms ( 3 to 5 inches across) before the large, glossy, dark green leaves appear. One of the hardiest and finest

3-4 ft., BEB, Each \$6.00; 10, \$54.00
3-4 ft., B\&B, Each \$7.50; 10, \$67.50
Soulangeana lennei. LENNE MAGNOLIA. Same as the above, except that the flowers are a deeper purple outside and white inside. It is of bushy habit and often flowers a second time

2-3 ft., BEB, Each \$5.00; 10, \$45.00
3-4 ft., BEB, Each \$6.00; 10; \$54.00
Stellata. STAR MAGNOLIA. 10 feet. Native of Japan. Shrubby habit with fragrant, semidouble, star-like flowers which appear before the leaves.

2-3 ft., BEB, Each \$6.00; 10, $\$ 54.00$
$3-4 \mathrm{ft} ., \mathrm{B} B \mathrm{~B}$, Each $\$ 7.50$; 10, \$67.50

## MORUS

Alba pendula. TEAS' WEEPING MULBERRY. 10 feet. The most graceful, hardy, weeping tree in existence. Forms a perfect' shaped head, with long, slender, willowy branches, drooping with airy grace to the ground. Useful in cemetery plantings, as well as for lawn specimens, dividing line hedges, and many 6
$5-6 \mathrm{ft} ., 1$-yr. heads, Each $\$ 2.25$; 10, $\$ 20.00$ 5-6 ft., 2-yr. heads, Each \$3.00; 10, \$27.00 Alba tatarica. RUSSIAN MULBERRY. 60 feet This makes a round-headed tree, quick of growth and with profuse foliage. It is wonto attract the birds, and for chicken runs it cannot be surpassed. Fruit smaller than our cannot be sur

5-6 ft., Each 80c; 10, \$7.20 6-8 ft., Each $\$ 1.00 ; 10$; $\$ 9.00$ 8-10 ft., Each \$1.30; 10, \$11.70

## PHELLODENDRON

Amurense, AMUR CORK TREE, 50 feet. A shapely, round-headed specimen tree of unique character, suitable for lawn planting; along 10-15-inch stems; dark green in summer, deep yellow in cutumn. Primrose-yellow flowers, the black fruits persistent into winter. Leaves and fruits strongly aromatic when crushed.

3-4 ft., Each \$1.00; 10, \$9.00 4-5 ft., Each \$1.50; 10,'\$13.50 5-6 ft., Each $\$ 2.00 ; 10$, \$18.00 6-8 ft., Each \$2.75; 10; \$24.80 8-10 ft., Each \$3.50; 10, \$31.50

## POPULUS

Bolleana. BOLLEANA POPLAR, 50 feet. (Silver leaf.) Its big leaves are glossy green, silvery beneath, creating an attractive flashing effect when stirred by the winds. Often used in landscaping against blank wall spaces of high buildings.

6-8 ft., Each $\$ 2.00$; 10, $\$ 18.00$ 8-10 feet., Each \$2.50; 10, \$22.50 $11 / 4-11 / 2$ in., Each \$3.00; 10, \$27.00 11/2-13/4 in., Each \$3.50; 10, \$31.50 ous: lorge glNA POPLA for puick growth

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\text { 8-10 ft., Each } \$ 1.00 ; 10, \$ 9.00
$$ $1-11 / 2$ in., Each $\$ 1.30 ; 10, \$ 11.70$ 1 $1 / 2$-2 in., Each \$ 1.75 in; 10, \$ 15.80 Nigra italica. LOMBARDY POPLAR. 60 feet. Old trees, once thoughtfully placed, are outstanding landmarks today; their great height, dense slenderness, and somber silhouette against the skyline give a remarkably pic-

turesaue effect.

6-8 ft., Each 80c; 10, $\$ 7.20$ $8-10 \mathrm{ft}$., Each $\$ 1.10 ; 10$; $\$ 9.90$ 10-12 ft., Each \$1.75; 10,'\$15.80 Simoni. SIMON POPLAR. 20 feet. Distinctive with shining green leoves, this tree is attractively planted in shrub borders. The trunk supports numerous, upright, long branches, growing out from the base, and curving upward to form a large oval, broader at the base. It succeeds in many environments and grows rapidly.

6-8 ft., Each 80c; 10, \$7.20 $8-10 \mathrm{ft} .$, Each $\$ 1.10$; 10, $\$ 9.90$ 10-12 ft., Each \$1.75; $10, \$ 15.80$

## PLATANUS

Orientalis. EUROPEAN PLANETREE. (Sycamore.) 80 feet. The well-known Oriental Plane. Used in great numbers to create vistas of dense green shade and ornamentation. A lofty, wide-spreading tree with deeply lobed palmate leaves; valuable for its handsome' foliage, hardiness and free growth. The bark is an attractive grayish green during the summer, but enough of it sheds during the winter to give an interesting mottied appearance as the smooth, creamy white trunk is revealed

6-8 ft., Each $\$ 2.00 ; 10, \$ 18.00$ $11 / 4-11 / 20$ ft., Each $\$ 2.50 ; 10, \$ 22.50$

## PRUNUS

Cerasifera. NEWPORT PURPLE LEAF PLUM. 12 feet. A new purple-leoved Plum of greater refinement and slower growth, the leaves smoother and more richly colored, at first strongly reddened, maturing to a still red summer. Flowers rosy white, ornamental fruits magenta-red

3-4 ft., Each \$1.00; 10, \$9.00 5-6 ft Each \$1.50; 10, \$13.50 Cistena. PURPLELEAF SAND CHERRY. 20 feet. Dwarfer than the other purple plum varieties, more compact, with glossier leaves, and much more red in its purple color.

2-3 ft., Each 75c; 10, \$6.80 $3-4$ ft., Each \$1.00; 10, \$9.00
Serrulata Kwanzan. JAPANESE FLOWERING CHERRY. The large, double pink flowers of this variety are very showy and attractive. with its beautiful flowers have made it popular favorite As a specimen made it a popular favorite. As a specimen or border
tree it is unexcelled.

3-4 f., Each \$1.50; 10, \$13.50
$4-5 \mathrm{ft} .$, Each $\$ 2.25 ; 10$, $\$ 20.30$
$5-6$ ff., Each \$3.00; 10, \$27.00
Subhirtella pendula. WEEPING HIGAN CHERRY. 15 feet. Adapted to small lawns, where its sink bloom, are an thickly studded with light spring. Grafted on 5 - to $6-\mathrm{ft}$. stems. Tops pruned ready for planting.

5-6 ft., Each \$3.25; 10, \$29.50 Triloba. FLOWERING PLUM. 10 feet. Very early in spring, before its leaves appear, the small tree is decked in a fleecy cloud of very double light pink blossoms

2-3 ft., Each 90c; 10, $\$ 8.10$ 3-4 ft., Each \$1.40; 10' $\$ 12.60$ $4-5 \mathrm{ft}$., Each \$1.90; 10, \$17.10

## PTELEA

Trifoliata. COMMON HOPTREE. 20 feet. Preferring a little shade, this tree or large shrub is valuable for shrub borders because of its dark green, highly aromatic leaves. Interesting hoplike seeds follow dense clusters of
fragrant yellow flowers.
$3-4$ ft., Each $\$ 1.00 ; 10, \$ 9.00$ 4-5 ft., Each \$1.25; 10,'\$11.30 5 to 6 ft., Each \$1.50; $10 \$ 13.50$


Lombardy Poplar


Sorbus aucuparia-European Mountain Ash

## QUERCUS

Palustris. PIN OAK. 75 feet. Broad-based pyramids in habit; described as half weeping when old, because its lower branches touch the ground. Magnificent, darkly lustrous leaves.

6-8 ft., Each \$2.25; Ten $\$ 20.00$
8-10 ft., Each \$2.75; Ten \$24.80 11/4-11/2 in., Each $\$ 3.50$; Ten $\$ 31.50$ 1 $1 / 2-13 / 4$ in., Each $\$ 4.25$; Ten $\$ 38.25$ Rubra. COMMON RED OAK. 75 feet. A tall tree, with massive, broad top and thick trunk. Of comparatively quick growth, with immense

6-8 ft., Each \$3.00; Ten $\$ 27.00$ 8-10 ft., Each \$4.00; Ten \$36.00 11/4-11/2 in., Each \$4.50; Ten \$40.50 11/2-13/4 in., Each \$5.50; Ten $\$ 49.50$

## ROBINIA

Pseudoacacia. COMMON OR BLACK LOCUST. 60 feet. A handsome, straight, fast growing native tree thriving in dry, sandy, or other
soils. It is planted to produce posts, ties and solls. for which there is always, ties and poles, f

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\begin{array}{lll}
5-6 & \mathrm{ft.} \text {, Each } \$ 1.00 \text {; Ten } \$ 9.00 \\
6-8 & \mathrm{ft}, \text { Each } \$ 1.25 ; \text { Ten } \$ 11.30 \\
8-10 \mathrm{ft.,} \text { Each } \$ 1.75 \text {; Ten } \$ 15.80
\end{array}
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Ulmus americana, Vase Type

## SALIX

Babylonica. BABYLON WEEPING WILLOW. 50 t. A graceful tree of large size. Its fresh bright green tint and long, wavy branches make it very attractive.

6-8 ft., Each \$1.50; Ten $\$ 13.50$ 8-10 ft., Each \$2.00; Ten $\$ 18.00$ 10-12 ft., Each \$2.75; Ten \$24.80

Blanda. WISCONSIN WEEPING WILLOW. 50 ft . A Babylonica with more slender leavers and hardier. This is the most generally planted variety, and makes immense, broad topped specimens.

6-8 ft., Each \$1.50; Ten $\$ 13.50$ 8-10 ft., Each \$2.00; Ten \$18.00 10-12 ft., Each \$2.75; Ten \$24.80
Discolor. PUSSY WILLOW. 20 ft . A small tree with attractive leaves 2 inches long by an inch wide. Its popular appeal is the conspicuous, silky catkins which bud in the fall, and make such delightful "springy" bouquets just as the snow is melting.
$3-4 \mathrm{ft}$., Each 60 c ; Ten $\$ 5.40$
$4-5 \mathrm{ft}$., Each 75 c ; Ten $\$ 6.70$ $5-6 \mathrm{ft} .$, Each $\$ 1.00$; Ten $\$ 9.00$

Elegantissima. THURLOW WEEPING WILLOW 50 ft . Larger and more spreading than

6- 8 ft., Each \$1.25; Ten $\$ 11.30$ 8.10 ft, Each \$2.00. Ten \$18.00 8-1
10 ft., Each \$2., Each \$2.75; Ten $\$ 24.80$
Incana. ROSEMARY WILLOW. 20 ft . A beautiful short tree with slender branches and twigs, densely clothed with short, stiff, white tomentose leaves. 3-4 ft., Each 75c; Ten $\$ 6.70$ 5-6 ft., Each \$1.50; Ten $\$ 13.50$
Niobe. NIOBE WEEPING WILLOW. 30 ft. Siender leove's, green above, silvery beneath; the twigs and bark a strong golden yellow; the ha
North.

6-8 ft., Each \$1.75; Ten $\$ 15.80$ 8-10 tt., Each \$2.25; Ten \$20.30 10-12 ft., Each \$3.00; Ten $\$ 27.00$


Salix babylonica--Babylon Weeping Willo
Pentandra. LAUREL WILLOW. 30 ft . A splendid ornamental small tree, with large, glossy, dark, laurel-like leaves, whence its name. 4- $5 \mathrm{ft}$. Each 75 c ; Ten $\$ 6.70$ 5- 6 ft., Each \$1.00; Ten \$13.00 8-10 ft., Each \$2.00; Ten \$18.00

Regalis. ROYAL WILLOW. 20 ft A large tree, with short, thick trunk and yellowish brown branches, the foliag 8 tt Each \$200. Ten \$18.00 8-10 ft., Each \$2.50; Ten \$22.50
Vitellina. GOLDEN-BARKED WILLOW. 30 ft . Showy, with golden bark, conspicuous during

6- 8 ft., Each \$1.50; Ten $\$ 13.50$ 8-10 ft., Each \$2.00; Ten \$18.00

SORBUS
Aucuparia. EUROPEAN MOUNTAIN ASH. 50 ft . A broad-topped small tree. The fern-like foliage is dark and lustrous. In late summer and far into winter, the greatest beauty and effectiveness centers in the great number of large, dense fruit clusters of orange-red, which gleam brilliantly against the green leaves, or denuded brown of branches.

5- 6 tt., Each \$2.00; Ten \$18.00
6-8 ft., Each \$2.50; Ten \$22.50
8-10 ft., Each \$3.00; Ten $\$ 27.00$

## TILIA

Americana. AMERICAN LINDEN. 75 ft leaves. It flowers in July.

A stately tree, with large shiny
6-8 ft., Each \$1.75; Ten \$15.80 Vularis. 8-10 ft., Each \$2.25; Ten \$20.00 Vulgaris. COMMON EUROPEAN LINDEN. 75 ft . Used for street and ornamental planting, developing into baautiful, round-headed specimens; blossoms very sweet-scented. 6-8 ft., Each \$2.25; Ten \$20.00

8-10 ft., Each $\$ 3.00$; Ten $\$ 27.00$
$2-21 / 2$ in., Each $\$ 7.50$; Ten $\$ 67.50$
$21 / 2-3$ in., Each $\$ 10.00$; Ten $\$ 90.00$

## ULMUS

Americana. AMERICAN ELM. 80 ft . A noble native tree of great size and wide spread, with graceful drooping branches and handsome spread shade. 6. 8 ft ., Each \$1.00. Ten $\$ 9.00$ $8-10 \mathrm{ft} .$, Each \$1.25; Ten \$11.30 $10-12 \mathrm{fr} .$, Each $\$ 1.75$; Ten $\$ 15.80$ $11 / 2-13 / 4$ in., Each \$2.15; Ten \$19.00 2/4-2 in., Each \$2.50; Ten \$22.50
Americana. Moline Type. 80 ft . A valuable new type of tree propagated by budding. Of fast growing habit, with very large leaves of distinct dark blue-green shade

6- 8 ft., Each \$1.30; Ten \$11.70
8-10 tr., Each \$1.60; Ten \$14.40
Americana. Vase Type. 50 ft . Another recently introduced Ten $\$ 18.00$ American Elm, the tops uniformly shaping up to a introduced type of

6-8 $\mathbf{f t}$., Each $\$ 1.30$; Ten $\$ 11.70$
8-10 ft., Each \$1.60; Ten \$14.40 10-12 ft., Each \$2.00; Ten \$18.00
Parvifalia. CHINESE ELM. 30 ft . Growing rapidly and to a good height Prefers a light or gravelly loam, and develops a broader base than the American tyres. The foliage is small and dense, the growth symmetrical and compact.

4- 5 ft ., Each 90 c ; Ten $\$ 8.10$
5- 6 ft. Each \$1.10; Ten $\$ 9.90$
6- 8 ft ., Each \$1.50; Ten $\$ 13.50$
8-10 ft., Each \$2.00; Ten \$18.00

 good distances for symmet. rical development, are root and top-pruned into hand some, shapely specimens that will transplant successfully to new locations with ordi nary care. We pack them so that the root-fibers are well protected and will reach their destination in good growing condition. If plant to kerp the fibers from dry ing out by exposure to air and sun, with watering thereafter, success is reasonAll $S$ \& $H$ Evergreens are earth-balled and burlapped in the field. Due to the weight of balled and burlapped muterial, Evergreens will only be shipped by express or freight

## Evergreens

## ABIES

Concolor. WHITE FIR, 70 feet. Tall-growing and majestic, the Firs are of the spruce type in character Concolor is picturesque broad-based, tapering tree; long leathery needles, with a gloucous tinge when young, becoming pale green with age. Branches in horizontal whorls

18 to 24 inch, Each \$2.50; Ten $\$ 22.50$
2 to 21/2 feet, Each \$3.00; Ten $\$ 27.00$
$21 / 2$ to feet, Each \$3.50; Ten $\$ 31.50$
3 to 4 feet, Each \$4.50; Ten $\$ 40.50$

CHAMAECYPARIS - Retinospora un Cypress
Nootkatensis. NOOTKA CYPRESS. 75 feet hoice broadly Fyramidal evergreen with glaucous green (or slate-blue) needles and spreading, curving branches drooping af the tips. This variety is quite hardy anywhere.

2 to $21 / 2$ feet, Each $\$ 3.00$; Ten $\$ 27.00$
$21 / 2$ to 3 feet, Each $\$ 4.00$; Ten $\$ 36.00$ 3 to 4 feet, Each $\$ 5.00$; Ten $\$ 45.00$
Pisifera. SAWARA RETINOSPORA. 30 feet. Open and tall in growth, with erect branches pendulous at tips; folliage, light green, glaucous beneath.

18 to 24 inch, Each \$2.50; Ten \$32.50 2 to $21 / 2$ feet, Each \$3.50; Ten \$31.50 Pisifero aurea. GOLDEN SAWARA RETINOSPORA. 30 feet. The same gracious form as the above, but colored a bright, retained golden yellow.

18 to 24 inch, Each \$2.75; Ten $\$ 24.80$
2 to $21 / 2$ feet, Each $\$ 3.75$; Ten $\$ 33.80$
Pisifera filifera. 10 feet. Thread Retinospora The leading shoot grows uכright, side branches are horizontal with long, drooping tasseled ends. Bright green.

15 to 18 inch, Each $\$ 2.00$; Ten $\$ 18.00$
18 to 24 inch, Each \$2.50; Ten $\$ 22.50$ Plumosa. PLUME RETINOSPORA. 30 feet. A handsome, cone-shaped evergreen of medium tall growth with feathery, light green foliage

18 to 24 inch, Each $\$ 2.50$; Ten $\$ 22.50$
2 to $21 / 2$ feet, Each $\$ 3.50$; Ten $\$ 31.50$
$21 / 2$ to 3 feet, Each $\$ 4.75$; Ten $\$ 42.80$ Plumosa aurea. GOLDENPLUME RETINOSPORA. 25 feet. Like the preceding, a tree of grea beauty; foliage soft, plume-like, golden yellow, close and compact

18 to 24 inch, Each \$2.75; Ten $\$ 24.80$
2 to $21 / 2$ feet, Each $\$ 3.75$; Ten $\$ 33.80$
Pisifera squarrosa. MOSS RETINOSPORA. 20 feet. Leaves bluish silvery green. A most distinctive form.

15 to 18 inch, Each \$2.00; Ten $\$ 18.00$ 18 to 24 inch, Each \$2.50; Ten \$22.50
2 to $21 / 2$ feet, Each \$3.50; Ten $\$ 31.50$

## JUNIPERUS—JUNIPER

Chinensis Pfitzeriana. PFITZER JUNIPER. feet. One of the most striking of all ever greens. The branches progress spirally along the trunk at a 45-degree angle, thereby making a good "filler"; or, standing alone it acquires the symmetry of a broken column The branches ore long and whip-like, densely furnished, very dark green; the first new growth thickly studding the expanse like silver beads

15 to 18 inch, Each $\$ 2.50$; Ten $\$ 22.50$ 18 to 24 inch, Each $\$ 3.25$; Ten $\$ 29.30$ 2 to $21 / 2$ feet, Each $\$ 3.75$; Ten $\$ 33.80$ $21 / 2$ to feet, Each $\$ 4.25$; Ten $\$ 38.25$ 4 to 5 feet, Each $\$ 8.00$; Ten $\$ 72.00$ Upright Pfitzer Juniper

18 to 24 inch, Each \$3.75; Ten $\$ 33.80$
2 to $21 / 2$ feet, Each $\$ 4.25$; Ten $\$ 33.25$
$21 / 2$ to 3 feet, Each $\$ 4.75$; Ten $\$ 42.75$
Compact Pfitzer Juniper. 4 feet. Same gen-
eral type as Pfitzeriana, but much more
15 to 18 inch, Each $\$ 2.50$; Ten $\$ 22.50$
18 to 24 inch, Each $\$ 3.25$; Ten $\$ 29.30$
Communis depressa. PROSTRATE JUNIPER, 2 feet. Light bluish foliage, turning purple \$225; Ten \$20.30 Communis depressa aurea. GOLDEN PROSTRATE JUNIPER. 2 feet. A spreading type beautifully tipped with a golden colo

15 to 18 inch, Each $\$ 2.50$; Ten $\$ 22.50$ Communis depressa plumosa. ANDORRA JUNIPER. 3 feet. Dwarf and spreading; feathery foliage dark green turning to purple in fal!.

15 to 18 inch, Each $\$ 2.50$; Ten $\$ 22.50$
18 to 24 inch, Each $\$ 3.25$; Ten $\$ 29.30$


Communis hibernica. IRISH JUNIPER. 15 feet. Erect, slender and formal in habit; foliage
sage green, very compact; eventually maksage green, very compact; eventually mak-
ing a splendid column 15 to 20 feet high; much used in cemeteries.

18 to 24 inch, Each \$1.50; Ten \$13.50 2 to $21 / 2$ feet, Each $\$ 2.00$; Ten $\$ 18.00$
$21 / 2$ to 3 feet, Each $\$ 2.75$; Ten $\$ 24.80$
3 to $31 / 2$ feet, Each $\$ 3.25$; Ten $\$ 29.30$
$31 / 2$ to 4 feet, Each $\$ 3.75$; Ten $\$ 33.80$
Communis suecica. SWEDISH JUNIPER, 25 feet. Tall growing, of formal, columnar habit. One of the hardiest and most reliable pillar types. The follage is dense, fairly broad, with drooping tips; in color gloucous green somewhat lighter and bluer than the Irish Juniper.

18 to 24 inch, Each \$1.75; Ten $\$ 15.80$
2 to $21 / 2$ feet, Each $\$ 2.50$; Ten $\$ 22.50$
$21 / 2$ to 3 feet, Each $\$ 3.00$; Ten $\$ 27.00$
Communis suecica nana. DWARF SWEDISH JUNIPER. 6 feet. A dwarf variety, compact in habit, hardy; foliage bluish at first, thereThis type fills o frequent need for winter. tree both slender and low.

18 to 24 inch, Each $\$ 2.50$; Ten $\$ 22.50$
2 to $21 / 2$ feet, Each $\$ 3.25$; Ten $\$ 29.30$


## JUNIPERUS---Continued

Excelso stricto. SPINY GREEK JUNIPER. 8 feet. A distinct variety with a peculiar, bluegreen shade of color. Dwart, very dense, cone-shaped; slow growing and useful in 18 to 24 inch Each $\$ 300$
Horizontalis. CREEPN NG JUPER; Ten $\$ 27.00$ handsome, serviceable ground covering type of closely radiating habit, the foliage more threadlike and distended than in TamarisciWolia, yet denser and more prostrate than Sizes given mean spread.

15 to 18 inch, Each $\$ 2.25$; Ten $\$ 20.30$
18 to 24 inch, Each $\$ 2.75$; Ten $\$ 24.80$
2 to $21 / 2$ feet, Each $\$ 3.75$; Ten $\$ 33.80$ Horizontalis glauca. BLUE CREEPING JUNI. PER. 1 foot. Like the above except its color is a distinct bright steel-blue. This, and that grey-green, intermingle effectively in mass coverage.

15 to 18 inch, Each $\$ 2.50$; Ten $\$ 22.50$ Virginana elegantissima lee. LEE'S GOLDEN JUNIPER. 18 feet. Here is a tree that will give variation to the color of evergreen slightlys. it is rother broad and bushy with

18 to 24 inch, Each $\$ 2.50$; Ten $\$ 22.50$
5 to 6 feet, each \$6.50; Ten \$58.50
or to feet, each \$8.50; Ten \$76.50
Virginana glauca. BLUE CEDAR. 20 feet. This is one of the most populor evergreens. The frast with its silvery-blue May be severely trimmed for a dense formal effect.

18 to 24 inch, Each \$2.50; Ten $\$ 22.50$ 2 to 3 feet, Each $\$ 3.00$; Ten $\$ 27.00$ 3 to 4 feet, Each \$4.00; Ten $\$ 36.00$ 4 to 5 feet, each \$5.00; Ten $\$ 45.00$ 5 to 6 feet, Each $\$ 6.50$; Ten $\$ 58.50$ B to 10 feet, Each \$11.00; Ten $\$ 99.00$

Virginiana cannarti. CANNART RED CEDAR. 18 feet. This narrow column of darkest green is rightfully called the aristocrat of Cedars.

2 to 1 feet, Each \$3.00; Ten \$27.00
1 to 4 feet, Each \$4.00; Ten $\$ 36.00$
Virginiana schotti. SCHOTT RED CEDAR. 18 feet. The Schott Red Cedar is somewhat similar in appearance to Cannarti. It maintains its handsome yellow-green color all winter. Prefers a sunny, well drained location.

2 to 3 feet, Each \$3.00; Ten $\$ 27.00$
3 to 4 feet, Each \$4.00; Ten \$36.00
E to feet, Each \$8.50; Ten $\$ 76.50$
to 10 feet, Each $\$ 11.00$; Ten $\$ 99.00$
10 to 12 feet, Each \$14.00; Ten \$126.00
Sabina. SAVIN JUNIPER. 6 feet, Handsome moss-green foliage; adapted to use as a dwarf ground cover. The angle of its closeset fronds is about 45 degrees. Its tingesebronzy green is a welcome change from prevailing greens and blues

15 to 18 inch, Each $\$ 2.50$; Ten $\$ 22.50$
18 to 24 inch, Each $\$ 3.00$; Ten $\$ 27.00$
2 to $21 / 2$ feet, Each $\$ 3.50$; Ten $\$ 31.50$ Sabina tamariscifolia. TAMARIX SAVIN. 2 feet A beautiful trailing form of Savin, with bluish green foliage. The construction is dense and very fine like a Tamarix foliage, especially attractive when showing new growth.

15 to 18 inch, Each $\$ 2.25$; Ten $\$ 20.30$
18 to 24 inch, each $\$ 2.75$; Ten $\$ 24.80$
2 to $21 / 2$ feet, Each $\$ 3.75$; Ten $\$ 33.80$ Squamata meyeri. MEYER JUNIPER. 4 feet An upright form of a naturally decumbent type, much branched, with short straight branchlets. Valued for its density and for its brilliant steel-blue color.

18 to 24 inch, Each \$3.75; Ten $\$ 33.80$
2 to $21 / 2$ feet, Each $\$ 4.25$; Ten $\$ 38.25$

## 

## PICEA-SPRUCE

Canadensis. WHITE SPRUCE, 50 feet. Com pact, upright growing spruce retaining its branches to the ground. Varies in color from light green to glaucous blue.

2 to $21 / 2$ feet, Each \$1.50; Ten $\$ 13.50$
$21 / 2$ to 3 feet, Each $\$ 2.00$; Ten $\$ 18.00$
3 to 4 feet, Each \$2.50; Ten $\$ 22.50$
4 to 5 feet, Each $\$ 3.50$; Ten $\$ 31.50$
5 to 6 feet, Each $\$ 5.00$; Ten $\$ 45.00$
6 to feet, Each \$7.00; Ten \$62.00
8 to 10 feet, Each $\$ 10.00$; Ten $\$ 90.00$ Excelsa. NORWAY SPRUCE. 75 feet. A lofty noble tree of open, pyramidal habit, exceedingly picturesque. Very popular and effective in evergreen groups, and one of the best ften cut and mounted for inside use, or planted strategically outside to display the cheery strings of colored lights.

2 to $21 / 2$ feet, Each $\$ 1.50$; Ten $\$ 13.50$
$21 / 2$ to 3 feet, Each $\$ 2.00$; Ten $\$ 18.00$
3 to 4 feet, Each $\$ 2.50$; Ten $\$ 22.50$
4 to 5 feet, Each \$3.50; Ten $\$ 31.50$
5 to E feet, Each $\$ 5.00$; Ten $\$ 45.00$
Pungens kosteri. KOSTER BLUE SPRUCE. 50 feet. The aristocrat of the evergreen famly; expressing the nearest to perfection in symmetry, uniform development and broadly pyramidal grace.

4 tII 5 feet, Each $\$ 10.00$; Ten $\$ 90.00$
5 to G feet, Each \$14.00; Ten \$126.00 E to feet, Each \$18.00; Ten \$162.00 10 to 10 feet, Each $\$ 26.00$; Ten $\$ 234.00$
10 to 12 feet, Each $\$ 40.00$; Ten $\$ 360.00$

## THUJA - ARBORVITAE

Occidentalis. AMERICAN ARBORVITAE. 40 feet. Erect, pyramidal habit with soft bright green foliage, dense trom ground up; grows tree for any purpose. Like other types of Arborvitae the American can be trimmed at will, or even closely sheared to present formal lines and surface as a hedge.

18 to 24 inch, Each \$1.25; Ten $\$ 11.30$
2 to $21 / 2$ feet, Each $\$ 1.50$; Ten $\$ 11.30$
2 to $21 / 2$ feet, Each $\$ 1.50$; Ten $\$ 13.50$
$21 / 2$ to 3 feet, Each $\$ 1.75$; Ten $\$ 15.80$
to 4 feet, Each $\$ 2.50$; Ten $\$ 22.50$
1 to 4
4 to 5 feet, Each $\$ 2.50$; Ten $\$ 22.50$
feet, Each $\$ 4.00$; Ten $\$ 36.00$
Occidentalis columbia. SILVER TIP ARBORVITAE. 14 feet. A columnar form. Foliage variegated with silver which is more pronounced in winter

1 to 4 feet, Each $\$ 4.00$; Ten $\$ 36.00$ 4 to 5 feet, Each \$6.00; Ten $\$ 54.00$
5 to $\mathbf{5}$ feet, Each $\$ 8.50$; Ten $\$ 76.50$
Occidentalis compacta. PARSONS ARBORVITAE. 4 feet. Its compactness makes this small evergreen suitable for low hedges to outline walks or formal gardens. Also desirable in groups, especially in front of taller evergreens.

12 to 15 inch, Each \$1.00; Ten \$ 9.00 15 to 18 inch, Each \$1.25; Ten \$11.30 18 to 24 inch, Each \$1.75; Ten $\$ 15.80$ - 2 to $21 / 2$ reet, Each $\$ 2.50$; Ten $\$ 22.50$ ccidentalis douglasi aurea. DOUGLAS GOLDEN ARBORVITAE. 15 feet. One of the hardiest. Broad bushy growth, tall, with slender branches and bright yellow foliage.

18 to 24 inch, Each $\$ 2.25$; Ten $\$ 20.30$
2 to $21 / 2$ feet, Each $\$ 2.75$; Ten $\$ 24.80$
5 to feet, Each $\$ 6.00$; Ten $\$ 54.00$
6 to 8 feet, Each $\$ 9.00$; Ten $\$ 81.00$
I to 10 feet, Each $\$ 14.00$; Ten $\$ 126.00$
Occidentalis ellwangeriana. THOM THUMB ARBORVITAE. 6 feet. A low, broad tree with slender branches and feathery foliage. 15 to 18 inch, Each \$1.75; Ten \$15.80
2 to $21 / 2$ feet, Each $\$ 2.75$; Ten $\$ 24.80$
Occidentalis globosa. AMERICAN GLOBE ARBORVITAE. 3 feet. A dwarf globe form frequently used as entrance marks, either in pots or in the ground. Also used extensively in the lawn and garden.

15 to 18 inch, Each $\$ 1.75$; Ten $\$ 15.80$ to $21 /$ inch, Each \$2.25; Ten \$20.30
$21 / 2$ to 3 feet, Each $\$ 3.50$; Ten $\$ 31.50$

Occidentalis hoveyi. HOVEY ARBOR-VITAE 8 feet. A low growing, hardy evergreen light green with a golden tinge . Foliage

15 to 18 inch, Each $\$ 1.25$.
to 18 inch, Each \$1.25; Ten $\$ 11.25$ 4 to 5 reet, Each $\$ 8.00$; Ten $\$ 72.00$ Occidentalis pyramidalis. AMERICAN PYRA MID ARBORVITAE. 25 feet. A densely columnar type, most compact and erect of the entire species, ot 12 feet high averaging 24 to 30 inches in diameter. Foliage a deep green, retaining colo

18 to 24 inch, Each \$1.75; Ten $\$ 15.80$ 2 to $21 / 2$ feet, Each $\$ 2.25$; Ten $\$ 22.25$
$21 / 2$ to 1 feet, Each $\$ 2.75$; Ten $\$ 24.75$ We have a limited number of specimen plants in excellent condition for transplanting as follows

## 12 to 14 feet, Each $\$ 20.00$

Occidentalis wareana. WARE ARBORVITAE. 15 feet. A superb hardy variety, somewhat similar to American, with heavier and fuller trimming well. This variety is extensively used for backgrounds in foundation plantings, where dense bushiness is required, rather than height.

2 to $21 / 1$ feet, Each \$2.00; Ten $\$ 18.00$ 2 to 1 feet, Each $\$ 2.75$; Ten $\$ 24.75$ 2 to 4 feet, Each $\$ 4.00$; Ten $\$ 36.00$ 4 to feet, Each \$6.00; Ten $\$ 54.00$
to s feet, Each $\$ 11.00$; Ten $\$ 99.00$

1. to 10 feet, Each $\$ 14.00$; Ten $\$ 126.00$ Orientalis. ORIENTAL ARBORVITAE. 25 feet. A comparatively low, broadly pyramidai tree, native of Asia. A refreshing yellowish green dulling to bronzy green in winter

4 to feet, Each \$4.00; Ten $\$ 36.00$ 5 to 6 feet, Each \$5.50; Ten \$49.50 6 to feet, Each $\$ 8.00$; Ten $\$ 72.00$
1 to 10 feet, Each $\$ 11.00$; Ten $\$ 99.00$
10 to 12 feet, Each $\$ 15.00$; 'Ten $\$ 135.00$ Orientalis aurea nana. BERCKMANN'S GOLDEN ARBORVITAE. 3 feet. An attractive little bright yellow tree making a neat, compact growth. The branch development has vertical, fon-shaped foliage with numerous upright stems, closely matted together

12 to 15 inch, Each \$1.30; Ten $\$ 11.70$ Orientalis compacta. 12 feet Compact Chinese Arborvitae. A very dense and compact form of the Chinese arborvitae
§ to 4 feet, Each \$4.50; Ten $\$ 40.50$

## TAXUS_YEW

Baccata repandens. SPREADING ENGLISH YEW. 8 feet spread. A graceful, spreading form with foliage of a beautiful shade of dull bluish green. Very desirable in rock gardens or for low masses or mounds on banks or in open lawns.

15 to 18 inch, Each \$2.50; Ten $\$ 22.50$
18 to 24 inch, Each \$3.50; Ten \$31.50
Cuspidata. SPREADING JAPANESE YEW. 6 feet. A spreading variety with attractive, dark green foliage. In early autumn it sparkles with its bright red fruits

12 to 15 inch, Each \$2.00; Ten $\$ 18.00$
15 to 18 inch, Each $\$ 2.50$; Ten $\$ 22.50$ Cuspidata brevifolia. DWARF JAPANESE YEW. 6 feet. Dwarf and compact, with short, richly dark green leaves, dense bushy habit. Hardy, close set, slow-growing; one of the best dwarf evergreens.

12 to 15 inch, Each \$2.50; Ten $\$ 22.50$
18 to 24 inch, Each $\$ 4.00$; Ten $\$ 36.00$ Cuspidata capitata. UPRIGHT JAPANESE YEW. 25 feet. The beautiful Upright Japanese Yew of moderate bushy growth, the upright-
spreading branches densely clothed with spreading branches densely, clothed with short leaves of dull green.

18 to 24 inch, Each $\$ 3.50$; Ten $\$ 31.50$
2 to $21 / 2$ feet, Each $\$ 4.50$; Ten $\$ 40.50$ $21 / 2$ to 3 feet, Each $\$ 6.00$; Ten $\$ 54.00$ to $31 / 2$ feet, Each $\$ 8.00$; Ten $\$ 72.00$ $31 / 2$ to 4 feet, Each $\$ 10.50$; Ten $\$ 94.50$
Cuspidata browni. BROWN'S YEW. 6 feet. A pery rapidly and has an exceptionaly deep green Yew. One of the newer forms of Japanese

15 to 18 inches, Each $\$ 2.75$; Ten $\$ 24.80$
18 to 24 inch, Each $\$ 3.50$; Ten $\$ 31.50$ Media hickst. HICKS YEW. 10 feet. A beautiful, dense columnar form

15 to 18 inch, Each $\$ 2.50$; Ten $\$ 22.50$
$11 / 2$ to 2 feet, Each $\$ 3.00$; Ten $\$ 27.00$
2 to $21 / 2$ feet, Each $\$ 4.00$; Ten $\$ 36.00$




Mollis CHINESE AZALEA
Mollis. CHINESE AZALEA. 6 ft . Dworf, bushy, well branched, good for foundations. The flowers are a voriable orange-tan, yellow shade. Mixed colors only.
-12 in., BEB,
Each \$0.90; Three \$2.45; Doz., \$ 9.00 12-15 in., BGB,

Each \$1.25; Three \$3.35; Doz, \$12.50

## BUXUS—BOXWOOD

Microphylla koreana. DWARF CANADIAN BOXWOOD. 2 ft . Extremely hordy with beatiful glossy leaves.
9-12 in., B\&B
Each \$1.25; Three \$3.35; Doz. \$12.50 12-15 in., BGB

Each \$1.50; Three \$4.05; Doz. \$15.00

## DAPHNE

Cneorum. ROSE DAPHNE or GARLAND FLOWER. I ft A dwarf shrub, almost evergreen, with spreading branches on which the narrow very pretty trails of blue- crowded, mak ing very pretty trails of blue-green foliage. The soft pink flowers appear profusely during April and May, and at intervals throughout the summer; small and dainty in terminal clusters, with a distinct and pleasing fra-6-9 in., BEB,

Each \$1.00; Three \$2.70; Doz. $\$ 10.00$ 9-12 in., BGB,
Each \$1.25; Three \$3.35; Doz. \$12.50 12-15 in., BEB,

Each \$1.50; Three \$4.05; Doz. $\$ 15.00$
[28]

## Broad-leaver SHRUBS

COTONEASTER
Horizontalis. ROCK COTONEASTER. 3 Densely spreading horizontal branches almost prostrate, much appreciated in rockeries and he front of borders, to display its crimsoning leaves and scarlet fruits, deep in winter. 15-18 in., BEB

Each \$1.75; Three \$4.75; Doz. \$17.50 18-24 in., BEB,

Each \$2.25; Three \$6.00; Doz. \$22.50 EUONYMUS
Potens (Seiboldianus). SPREADING WINTER CREEPER. An upright type broader leaved and heavier wooded than the Radicans type, for bordering either natural or sheared. 2-15 in., Each 65c; Three \$1.75; Doz. \$6.50 Radicans. WINTERCR Three \$2.15; Doz. $\$ 8.00$ Radicans. WINTERCREEPER. 15 ft . A fine evergreen vine, narrow leaved, compactly walls tres. For covering rocky 12-15 in., Each 65c; Three $\$ 1.75$; Doz. $\$ 6.50$ $15-18$ in., Each 80 c ; Three $\$ 2.15$; Doz. $\$ 8.00$ Radicans vegetus. BIGLEAF WINTERCREEPER. Of shrubby character, its rounded leaves close-covering, glossy, evergreen, with $9-12$ in., Each 50c; Three $\$ 1.35$; Doz. $\$ 5.00$ 12-15 in., Each 65c; Three \$1.75; Doz. \$8.00 Radicans carrieri. GLOSSY WINTERCREEPER. Most upright of the type, favored for shearlarge, richly dark and shiny, with variation

12-15 in., Each 65c; Three \$1.75; Doz. $\$ 6.50$ $15-18$ in., Each 80 c; Three $\$ 2.15$;' Doz. $\$ 8.00$ Radicans colorata. REDLEAF WINTERCREEPER Large, round leaves and rapid prostrate prowth, rooting every place it touches the ground. Good for retaining difficult banks, either in sun or partial shade. Dark green, turning bronzy red during autumn and for

12-15 in., Each 65c; Three \$1.75; Doz. \$6.50 15-18 in., Each 80c; Three \$2.15; Doz. $\$ 8.00$

## HEDERA - IVY

Helix. ENGLISH IVY. Glossy dark green faliage, making a vigorous climber or excellent $21 / 4$-in. pots, Each 20c; Three 55c; Doz. $\$ 2.00$ 4-in. pots, Each 50c; Three \$1.35; Doz. $\$ 5.00$

## KALMIA-LAUREL

Latifolia. MOUNTAIN LAUREL. The flowers of the Mountain Laurel are of excellent shape and texture, varying in color from white to deep rose, with purple markings inside. It is considered one of the best broadleaved everreens for use in colder regions and is very valuable for ornamental plantings. It attains height of 6 feet. The culture is the same that for Rhododendron
Each' $\$ 2.25$; Three $\$ 6.00$; Doz. $\$ 22.50$ 2-2 $1 / 2$ ft., BEB; . Three \$7.50; Doz $\$ 27.50$ 21/2-3 ft., BEB

Each \$3.25; Three \$8.80; Doz. $\$ 32.50$

Euonymus radicans vegetus on stone wall


Euonymus radicans carrieri grown as a hedge


## $\mathcal{E v e r g r e e n ~}$ GROUND COVERS



Terminalis. JAPANESE SPURGE. 8 in. Low growing evergreen plant with short spikes did ground cover, with attractive dark green leaves which make a dense mat of foliage in shady places where grass will not orow A good border for evergreen beds. Field Doz., $\$ 2.00$; 100, $\$ 14.00$; 1000, $\$ 133.00$.

## PYRACANTHA

Coccinea lalandi. FIRETHORN. A vigorous growing shrub with long oval leoves. In bloom and in fall beautifully studded with bright orange-red berries which remain on the branches for months. This plant is difficult to transplant when field grown, there15 to 18 inches from 5 - and 6 - inch pots. 18 to 24 in.50; Three $\$ 6.75$; Doz. $\$ 22.50$ 18 to 24 inches from 5- and 6-inch pots, Each $\$ 3.00$; Three $\$ 8.10$; Doz. $\$ 30.00$

## VINCA——PERIWINKLE

Minor. COMMON PERIWINKLE. 8 inches. A handsome evergreen ground cover with showy early spring and at intervals throu freely in summer and autumn. It is perfectly hardy and makes a grand ground cover under the shade of trees, where it makes a dense mat Doz. $\$ 2.00$; $100, \$ 12.50 ; 1000, \$ 110.00$ Rubra fl.-pI. DOUBLE RED FLOWERING PERI WINKLE. This charming variety is a recent mportation and a valuable acquisition to the list of vincos. Rubra flora-plena carries a wealth of luxuriant foliage, the blossoms are mahogany-red and a high percentage $21 / 4$ inch pots: Three, 70c; Doz., $\$ 2.40$ 100,' $\$ 18.00$

RHODODENDRON
Carolinianum. CAROLINA RHODODENDRON Evergreens of the very finest broad-leaved Evergreens. It has handsome, dark green leavers, blossoming in mid-May nearly weeks ahead of other varieties, thus ex
tending the season considerably. The dense deep pink flowers, varying from pale to deep pink, although smaller in size than hose of $R$. maximum, make up in profu 18 to 24 inches, BGB,

Each \$3.00; Three, $\$ 8.10$ Maximum. ROSEBAY RHODODENDRON This 5 the handsome Great Laurel or Rosebay white to Appalachian Mountains. Flowers and July. Foliage very smooth in late June and twice as large as that of any other sort Handsome for big, bold masses, creating 8 to 24 effect of dignity and elegance Each \$2.25; Three \$6.00; Doz. $\$ 22.50$ 2 to $21 / 2$ feet, BEB, $\begin{aligned} & \text { Each } \$ 2.75 \text {; Thrree } \$ 7.50 \text {; Doz. } \$ 27.50\end{aligned}$ $21 / 2$ to feet, B\&B, Each \$3.25; Three \$8.80; Doz. \$32.50 TEUCRIUM——GERMANDER
Chamaedrys. CHAMAEDRYS GERMANDER This shrub-like plant of moderate growth edging plantwood and may be used as an flower beds, walks, etc inches in height, for foliage remains throughout the winter. Field Three \$1.20; Doz. \$3.70; 100, \$22.50 [29]


Pyracantha cocrinea Ialandi

An edging of Teucrium chamaedrys


## ßawn Grass Seed

## S\&H Lawn Grass Mixtures

Commercial Lown Grass Mixtures are many; and their composition varies moterially to meet the price minimums of prospective purchasers. These are too often overloaded with fast growing, quickly effective but short-lived varieties, which at the season's end leave your lawn spotty, weedy and unsatisfactory. We have never tried to compete with the "cheap" offers, either in mixture or in the varying grades of seed units. We pay for fancy selection, highest test and moximum purity. No one kind of grass will make a lawn that will keep green all through the season, but a mixture of several is essential. Our mixtures are well balanced.

New Velvet Sod. A mixture of fine, dwart, close growing Grasses, including Colonial Bent, that will produce a neat, velvety lawn and per manent sod in a short time. This mixture is composed of Kentucky Bluegrass, Colonial Bent, Perennial Ryegrass and Fancy Red Top.
Shady Lawn. A blend of special Grasses for areas receiving sunshine less than half the day. It produces turf which hormonizes with that produced from New Velvet Sod Seed. For slightly shaded lawns use equal parts of New Velvet Sod Seed and Shady Lawn. This mixture is composed of Chewings Fescue, Kentucky Bluegrass, Fancy Red Top, and Perennial Ryegrass.

PRICES

## NEW VELVET SOD

 ib. Postpaid5 lbs
10 lbs.
25 lbs . Not Prepaid per lb.
50 lbs.
00 lbs


FIGURE YOUR REQUIREMENTS AS FOLLOWS:
Rate per 1,000 Sq. Ft Starting

Improving
Velvet Sod
White Dutch Clover

New Lawns
Old Lawns
4 to 6 lbs. 2 to 3 lbs .
4 to 6 lbs. 2 to 3 lbs
$1 / 2 \mathrm{lb}$. $1 / 4 \mathrm{lb}$.

## Choice Grass Seed

All strictly recleaned, tested for purity and germination. Prices subject to market changes.
Chewings Fescue. A splendid Grass of creeping habit, forming a close and lasting turf. An excellent Grass for golf courses and lawns. Lb., $95 \mathrm{c} ; 5 \mathrm{lbs} ., \$ 4.50 ; 10 \mathrm{lbs}$., $\$ 8.50$.

## KENTUCKY BLUEGRASS

Poa pratensis. For pasture and lawns it has no superior. Although slow o establish itself, once a stand is obtained, it will form a close and lasting turf. Usually sown with other

Lb., 50c; 5 lbs., $\$ 2.25$; 10 lbs., $\$ 4.25$; by mail postpaid. 15 lbs., of 31c; 25 Jbs., at 30c, by express or freight.

## PERENNIAL RYEGRASS

Lolium perenne. Valuable when mixed with other Grasses for lawns, gol courses, etc. Lb., 25c; 5 lbs., $\$ 1.20$; 10 lbs., $\$ 2.25$, by mail postpaid.

Agrostis vulgaris. Grows well in almost any soil and is very valuable for lawns. Lb., 50c; 5 lbs., $\$ 2.00$; 10 lbs., $\$ 3.50$, postpaid.

## WHITE DUTCH CLOVER

Trifolium repens. The best variety for lawns, as it forms a close herbage and remains green throughout the season. Also valuable when mixed with grass seed for posture.

Lb., \$1.00; 5 lbs., \$4.75; 10 lbs., \$9.00.
By express ir freight, not prepaid, 25 lbs. or more at 80 c .

## HAIRY VETCH

Vieia villosa. This legume is rapidly springing into favor in the North as a fall soiling crop. Grows luxuriantly and is one of the greates nitrogen gatherers. Requires no special soil preparation, although it prefers sandy to wet soil, and is therefore very valuable for bringing up poor land. Makes a valuable and nutritious hay. If used for this purpose it should be cut in the spring when seed pods, which resemble small peas, are ust forming. Its feed value is equal, pound for pound, with prime wheat bran. In the latitude of northern Ohio Vetch should be sown by September 15th, to get well started that fall. Farther south it may be sown later. 30 to 40 pounds to the acre.

Lb., 50c; 5 lbs., \$2.00; 10 lbs., \$3.50, postpaid.



## FOR A WEALTH OF BLOOM QUICKLY, PLANT $\mathcal{F}$ lower Seeds

Flowers are easily raised from seeds. The seeds we offer are the products of the best American and European growers; no better strains available. Complete directions for sowing are printed on each packet. In sowing, be careful not to cover seed too deep.

## CLASSIFICATION

Annuals bloom and ripen seeds the first year
Biennials seldom bloom the first year, but attain perfection the second.

Perennials* flower several years in succession, and are used for permanent plantings. May bloom the first year from seed sown

WHEN TO SOW SEED
Hardy perennials and biennials may be sown either fall or spring.
Hardy annuals may be sown either in late fall or spring. But no spring sowing of any class should be done until frost is past and ground mellow.

SPECIAL MARKS. Biennials s; perennials :
ood cut flowerst; suitable for rock gardens $\mathbb{R}$

Prices are for delivery by mail, postpaid.
Plants of hardy perennials are offered on pages 2 to 17.

## AGERATUM

Little, fluffy, bristly balls of color in size able clusters, 'liberally supplied from early pact, they are mainly utilized for edgings or Ball Blue. The best dwarf type. 6 in .

Pkt., 10c; $1 / 8$ oz., 25 c ; $1 / 4$ oz., 40 c . Blue Perfection. Fairy Pink Pkt., 10c; $1 / 8$ oz., 25c; $1 / 4$ 0z., 40 c. Fairy Pink. Delightfui soft salmon-rose color Pkt., 10e.
Midget Blue. Ónly oz., $\$ 1.00$; $1 / 4$ oz., $\$ 1.80$. enty 3 to 4 inches tall, but dwarf spreading to 12 inches. The truest producing compact variety yet introduced, azure-blue freely tiny tufts of Ageratum or rockeries, and pots. Silver medal winner AllAmerica selections for 1940.

Pkt., $15 \mathrm{c} ; 1 / 16$ ox., 55 c.
Anchusa, Dropmore
*AGROSTEMMA
Coronario. ROSE OF HEAVEN.
phlox-like crimson flowers against silver Alba. Phite foliage on upright stalks.
Albo. Pure white flowers
Both: Pkt., 10c; $1 / 80$ 0x., 20c; $1 / 4$ 0x., 35 c.

## ALYSSUM

Little Gem. A perfect "carpet of snow,"
inches in height, spring until late fall.
inches in height, spring, until late fall. Sweet Alyssum. White. 6 in. high; fragrant. Pkt., 10c; $1 / 2$ oz., 20c; oz., 30c; $1 / 4 \mathrm{lb} ., 70 \mathrm{c}$. Montanum. Low, compact; gray leaves of varying shape, the fragrant, clustered flowers bright yellow

Pkt., 10c; $1 / 8$ oz., 60c; 1/4 oz., \$1.10.
tSaxatile compactum. GOLDEN TUFT. A very Pkt., 10c; $1 / 8$ oz., 20c; $1 / 4$ ox., 35c. Ageratum, Midget Blue

## ANEMONE-WINDFLOWER

Japonico rubra. Brilliant rosy red, yellow
Pkt., 10c; 1/16 oz., 70c; 1/8 0z., \$1.30.

## ANCHUSA

Blue Bird. SUMMER FORGET-ME-NOT. 18 in A new, compact type; flowers indigo-blue, produced treely all summer.
broad, rough foliage. Breaks 5 feet with with showy clusters of deaks out all over in spring an almost solid mass gentian-blue, armittent flashes throughout the summer Both: Pkt., 10c; $1 / 8$ oz., 15 c ; $1 / 4 \mathrm{oz} ., 25 \mathrm{c}$.

## ANTHEMIS

Kelwayi. 2 ft. Golden yellow daisies (Marguer tes), in profusion all summer. Pkt., 10c; $1 / 8$ or., 15c; $1 / 4$ oz., 25 c.

Alyssum, Little Gem



Giant Tall Snapdragons


Aquilegia, Mrs. Scott Elliott's Long-Spurred


## $\dagger$ ANTIRRHINUM - SNAPDRAGON

All rust-proof strains. Rich and diverse colors, great freedom and protracted blooming season; valuable for color masses as well as for cutting. They have dark, glossy leaves and pea-shaped flowers with uniquely marked throats, set densely in long, upright racemes. They bloom in July from seed sown early in May
Rosalie. This is believed to be the finest yet for cut flowers, in rust-resistant, majus grandiflorus type. Its color is topaz-rose or intense rose-pink with deeper center and gold suffusion: a shade always popular for vases or garden shows. Vigorous, showing 10 to 36 laterals besides the large central spike Few rogues. large flowers well spaced on long stems. Pkt., 20c; 1/16 oz., 55c.

## TALL SNAPDRAGONS

Majus grandiflorum. About 2 feet. A splendid mixture of colors-white, various shades of ink, yellow to orange, and all red shades. All kinds together Mixed.

Pkt., 10c; $1 / 8$ oz., 25c; $1 / 4$ oz., 40c.

## GIANT TALL SNAPDRAGONS

Maximum. 3 feet. This large flowering group surpasses all other varieties. They are tall growing, with flowers of magnificent size, closely placed on the spikes.

## Maximum Finest Mixed.

Pkt., 10c; $1 / 8$ oz., 25c; $1 / 4$ ox., 40c.
Copper Shades. Very rich.
Loveliness. Soft rose-pink.
Red Chief. Rich, deep scarlet.
Snowflake. Pure white, yellow lip.
The 4 colors above
Pkt., 10c; $1 / 802 ., 55 c ; 1 / 402 ., 90 c$.

## HALF-DWARF SNAPDRAGONS

Nanum Medium Mixed. Of stocky growth with magnificently colored, very large spikes of flowers. Far superior to tall varieties for bedding as they are more compact and have fully as large flowers.

Pkt., 10c; $1 / 8$ 0z., 25c; $1 / 4$ 0z., 40c.

## +*AQUILEGIA - COLUMBINE

## AOUJLEGIA-COLUMBINE

Deep cut, round-lobed foliage and nodding flower stems, embrocing many lovely shades of color. Graceful, airy and distinctive. They should be used liberally in low borders to off set any appearance of formality; and provide an unfailing succession of cut flowers well into summer. *Hardy.
Chrysantho. Pure, bright yellow; late.
rysantha alba. Pure white form
Both: Pkt., 10c; 1/8 oz
Both: Pkt., 10c; $1 / 8$ oz., 30c; $1 / 4$ oz., 50c. Copper Queen. Coppery red with darker spurs, anthers straw-yellow.
Deep Blue. Bulky, semi-double, short spurs Golden Columbine. Rich golden yellow. Long-Spurred Lemon Queen. Bright yellow. 4 obove: Pkt., 10c; $1 / 802 ., 55 \mathrm{c}$; 1/4 oz., 90 c

Dobbies Imperial Hybrids. English, notable for size, long spurs, and wide range of colors. Pkt., 10c; $1 / 8$ oz., 55c; 1/4 oz., 90c.

Lorgissima. 3 ft . Nodding flowers gleaming canary-yellow, with 5 -inch spurs.
Pkt., 10c; $1 / 64$ oz., 65c; 1/32 oz., \$1.25.
Mrs. Scott Elliott's Long Spurred Hybrids. A choice mixture of extra long spurred varieties in blue, lavender, purple, mauve, pink, yellow and white. Mixed.

Pkt., 15c; 1/8 oz., 55c; 1/4 oz., 90c.
Mixed Double Aquilegias. Bulky double flowers; best colors. Many people prefer the greater petalage of this type.

## ASTERS

For early flowers, sow the seed in the house or greenhouse during March or April, and transplant to the open ground in May. For late flowers, which are the finest, sow thinly in the open ground early in May, transplanting later.

Early (E). First bloom in July.
Midseason (M). August.
Late (L). In prime-September on.
We segregate those items now available in wilt-resistant strains.

California Giants. (M) Giant 5- to 6-inch flow oupled with robust habit and great length of stem. A combination of great value in vase and floral work. Mixed.

Pkt., 10c; 1/8 oz, 35c; $1 / 4$ oz., 60c.
Giant California Sunshine. (M) Plants of this new race grow 3 feet high with long, stiff stems admirable for cutting, the individual blooms 4 to 5 and 6 inches in diameter. Mixed. Pkt., 10c; $1 / 8$ oz. 40 c ; $1 / 4$ oz., 75 c.
*Hardy Aster alpinus. (B) Short stems but large flowers of lavender-blue with orange-yellow discs. May-June. Height, 5 to 10 inches Pkt., 10c; $1 / 8$ oz., 40c; $1 / 4$ oz., 75 c.

## NEW SUPER-GIANT ASTERS

El Monte. The very earliest Aster of giant size, deep, glowing crimson. The abundant, plumelike petals, so daintily interlaced, make fluffy, bulky flowers.
Los Angeles. Full double flowers 6 to 8 inches across; graceful and delicately interlaced, shell-pink, borne smartly upright Both: Pkt., 10c; $1 / 8$ ox., 30c; $1 / 4$ oz., 50c. Queen's Bouquet." Imbricated Pompon Asters. Mixed (E). Small, round, pompon flowers produced very early and continuously, often 20 to a plant, on 12 -inch stems. Surrounding the compact center is a charming fringe of lacy guard petals. There are many distinct color shades in a thorough mixture, so that charming bouquets may be cut. This item is really one of the catchiest garden novelties in years

Pkt., 10 c; $1 / 802 ., 35 c$; $1 / 4$ ox., 60c.

## WILT-RESISTANT ASTER STRAINS

Aster wilt-disease is devastating. Science has Aster witt-disease is devasta control of it to an extent wherenow gained control of it, to an extent whereby seed has been developed with th
Crego. (M) This section produces the largest flowers of the Comet type, very full and fluffy, around 5 inches in diameter, long lasting when cut. Mixed.

Pkt. 10 c ; $1 / 8$ oz., $25 \mathrm{c} ; 1 / 4$ ox., 40c. Early Giant Light Blue. Silver Medal. Fiveinch lacy flowers with narrow curling petals, earliest of the giants, on 3 ft . branching stems. Clear light blue.

Pkt., 10c; 1/8 oz., 50c; 1/4 oz., 90c. Early Royal. (E) Free;' large; bud fully double with evenly incurved petals. Mixed.

Pkt., 10c; $1 / 8$ oz., 30c; $1 / 4$ oz., 50c. Extra Early Express. (Comet.) (E) The larg est early Asters grown. Well developed flowers range from $31 / 2$ to 4 inches across, very free of yellow centers and borne upon good stems. Pkt., 10c; $1 / 8$ oz., 20c; $1 / 4$ oz., 35c. Heart of France." (L) Opens ruby-red, deepening with age, and retains its remarkable beauty to the very end. The flowers are lorge and full, the plants branching, 24 inches high.pit., 10c; $1 / 8$ oz., 35c; $1 / 4$ oz., 60c.

King Type. (M) This type is quite distinct, owing to the very double petalage, which is characteristically quilled, at times almost needle-like. Plants strong and sturdy, averaging 18 inches in height, with large, perfect flowers for 3 month's. Finest Mixed.

Pkt., 10c; $1 / 8$ oz., 20c; 1/4 oz., 35 c
"Lady Roosevelt." (E) Perfect comet type. Magnificent rose-pink, on long stems; aiways a very popular cutting variety.

Pkt., 10c; $1 / 8$ oz., 20c; $1 / 4$ oz., 35 c.
Late Branching. (L) A useful class for bedding, he strong, branching plants 2 to $21 / 2$ fee high. The flowers are very double, 5 inches wide, with long, strong stems. Mixed.

Pkt., 10c; $1 / 8$ oz., 20c; $1 / 4$ oz., 35c.
Queen of the Market. (E) Earliest of all; flowers perfect, on long stems, valuable for cut ting. Mixed.

Pkt., 10c; $1 / 8$ oz., 20c; $1 / 4$ oz., 35c
Wilt-Resistant Mixed. A combination of alldouble types in many colors. It is safe even on wilt-infested soil.

Pkt., 10c; 1/8 0z., 25c; 1/4 0z., 40c.

## ARABIS-ROCK CRESS

*Alpina. For edging and rockeries. Spreading tufts of white in spring.

Pkt., 10c; $1 / 8$ oz., 20c; $1 / 4$ oz., 30 c.

## †ARCTOTIS——AFRICAN DAISY

Grandis. 2 to 3 feet high. A useful and charm ing cut flower from June till after hard frosts; lasting a week or two in water, unin the sun. Daisy-like, glistening white on the face, under surface pale lilac-blue.
 daisy-like flowers in orange, bronzy red, rose, cream, yellow and salmon shades, Suitable for hot, sunny places.

Pkt., $15 \mathrm{c} ; 1 / 8$ oz., 60 c ; $1 / 4$ oz., $\$ 1.00$.

## BACHELOR BUTTON-CENTAUREA

 CORNFLOWERPretty 2-foot border plants, and reliable cut flowers. Hardy annual. In an established bed these are perpetual and enjoyable; in bloom for Memorial Day.
Double Blue.
Double Mixed.
Both: Pkt., 10c; $1 / 4$ oz., 20c; $1 / 2$ oz., 35 c. Jubilee Gem. 1 foot. Dwarf, compact plants of thrifty growth, particularly valuable as an edging in garden plots, for blooming pot plants, or for pockets in the rockery. When in bloom, one plant is a real bouquet. The flowers are a vivid deep blue in densely double petalage. $\mathbf{P k t . , 1 0 c}$; $1 / 8 \mathrm{oz} ., 30 \mathrm{c} ; 1 / 4 \mathrm{oz} ., 50 \mathrm{c}$

## BAPTISIA

Australis. FALSE INDIGO. Deep blue racemes June and July. 2 feet.
Pkt., 10c; $1 / 8$ oz., 20c; $1 / 4$ oz., 35 c.

## BALSAM

Giant Double Camellia Flowered. Set 18 inches apart. The large, double, bright colored flowers are set like hollyhocks along the -foot stems, with slender leaves protruding colors include pink, white and scarlet. Mixed. Double Bush Flowering. Bushy plonts 18 to 24 inches high, superior to other types in that he perfect camellia-like flowers occur out side the foliage surface, thus making a much greater show for garden borders. The short
stemmed bloom is charming for corsage and shallow bowl use. Mixed.

Pkt., 10c; $1 / 8$ oz., 30c; $1 / 402 ., 50 c$.

## BEGONIA

Delightful summer bedding plants for sun or partial shade, in bloom from June until frost, or may be brought inside for winter enjoyment. Start early inside and transplant in late spring
Luminosa. Brilliant dark scariet; reddish leaves
Pkt., $25 \mathrm{c} ; 1 / 128$ oz., 85 c
Pkt., 25c; $1 / 28$ oz., \$1.00.

## CANDYTUFT-IBERIS

Fragrant. About 1 foot.
Annual Pink. Umbrella form flowers. Giant Hyacinth-Flowered. White. Pkt., 10c; 1/4 oz., 25c; oz., 75 c . Fine Mixed. Fotr., 10c; $1 / 4$ oz., 20e; oz., 60c. *Sempervirens. Hardy evergreen; pure white flowers early in spring.
60 c .
Gibraltarica. White tinged lifac-pink.
Pkt., 10c; $1 / 8$ oz., 20c; $1 / 4$ oz., 35 c ; $1 / 2$ oz. 60c.
Queen of Italy. Rosy lilac flowers.
Pkt., 10c; $1 / 8$ oz., 20c; $1 / 4$ oz., $35 \mathrm{c} ; 1 / 2 \mathrm{oz}$. 60c.

## +CARNATION

## Half-hardy perennial $11 / 2$

Marguerite. With ordinary care this double fluted, highly scented type will be in full bloom in 4 months after sowing the seed, flowering in profusion until frost. Mixed. Pkt., 10 c ; $1 / 8$ oz., 25 c ; $1 / 4$ ox., 40c. Cassia marilandica. AM. SENNA. Shrub-like growth, 3 to 5 feet, with fern-like, pinnate foliage; leaf and stem bright green tinged yellow. The flowers (July-September) are in gay racemes; orange-yellow with slight black bee. Pkt., 10c; $1 / 8$ oz., 25 c; $1 / 4$ oz., 40 c.

## CERASTIUM

Tomentosum. SNOW-IN-SUMMER. A low edging or carpet plant with matted silvery foliage This consorts beautifully with the spring show of alyssum saxatile and anchusa myosotidiflora.

Pkt., 10c; $1 / 8$ oz., 15c; $1 / 4$ oz., 25 c.

## CALENDULA

Hardy annuals. 1 foot. A wonderful profusion of flowers ranging from ivory to orange late fall
Boll's Florists' Strain. Specially adapted to forc ing; the flowers unusually large and double of uniformly rich, dark orange color; with Pkt 10c; 1/ ozems.
Ball's Gold. The en yellow, the long stems making them idea for cutting either forced or in sume idea den. Pkt., 10c; $1 / 4$ oz., 25 c; $1 / 2$ oz., 40 c Orange Fantasy. Received an "All-America" Award of Merit for 1938. This is a distinct type, the plant dwarf, about 18 to 24 inches in height. heavily foliaged. The flowers are bright orange, with a $3 / 4$-inch center cushion, or crest, of seal-brown.

Pkt., 10c; 1/8 oz., 20c; 1/4 oz., 35 c . Orange Shaggy. Gold medal in 1934. Petals long, fringed; deep orange, lighter at center Pkt., 10c; $1 / 4$ oz., 15c; $1 / 2$ oz. 25c. Orange King. Bright orange-red with dark eye very double, offen 10c; 1/4 oz. 15c; 1/2 oz., 25 c Choicest Mixed Al' Pkt., 10c; $1 / 4$ oz., $15 \mathrm{c} ; 1 / 2$ oz., 25 c ; oz., 40c.

## CAMPANULA

Long stemmed biennials with large bellshaped flowers. Seed sown in the open in early April, transplanted in October and protected, Single Mixed or Double Mixed.
Pkt., 10c; $1 / 8$ oz., 20c; $1 / 4$ oz., 35 c .
Calycanthema. CUP-AND-SAUCER. An extro large calyx gives the impression of a cup and saucer. Mixed.

Pkt., 10c; $1 / 8$ oz., 20c; $1 / 4$ oz., 35 c . Choice Annual Mixed. Blooms within 6 months from seed.
Persicifolia. Pkt., 10c; 1/8 oz.; 30c; $1 / 4$ oz., 50c. high; many small salver-shaped flowers. Mixed. Pkt., $10 \mathrm{c} ; 1 / 8$ oz., 25 c ; $1 / 4$ oz., 40 c .

## CELOSIA_COCKSCOMB

Childsi. CHINESE WOOLFLOWER. The most curious and interesting of all Celosias. Globular flowers, like balls of bright wool, bloom in July and continue until cut down by Plumosa. OSTRICH FEATHER Vlury showy with their iarge dense uph olumes. Effective in gardens, as fresh cut flowers, dried, or potted. Tall mixed. Both: Pkt., 10 c; $1 / 8$ oz., 25 c: $1 / 4$ oz., 40 c. Flame of Fire. GLOBE COCKSCOMB. A new type of most interesting character. The plant is pyramidal, with horizontal candelabra-like branches; each tip sunporting an almost per-
fect alobe of coral-like struct fiery scarlet.

Pkt., 25c; $1 / 8$ oz., 75c; 1/4 oz., \$1.25.

## CENTAUREA

Gymnocarna. A useful foliage plant known as foliage so dusted with silver as to be almost white. covered with large fluffy ball-shaned sweet-scented flowers. Will keep a week or more in water, if cut when about to open. Hardy annual. 2 feet. All colors mixed.
*Macrocephala. $31 / 2$ feet. July and August. Large, thistle-like golden yellow flowers, good

Montana. 2 feet. Numerous large, deed blue flowers resembling the annual Bachelor Button. All: Pkt., 10c; $1 / 8$ oz., 25c; $1 / 4$ oz., 40c.

## CINERARIA

Maritima. Another "Dusty Miller," denser than the centaurea type; one of the showiest silver or white leaved plants

Pkt., 10c; $1 / 4$ oz., 25 c ; $1 / 2$ oz., 40c

## CHEIRANTHUSSIBERIAN WALLFLOWER

Allioni. 12 inches. Ablaze all summer with close panicles of intensely bright orange colored flowers. quite fragrant Hardv Golden Bedder. 18 inches. Very large, bright, fragrant clusters of golden yellow. Make good cut flowers as well as rockery, and
border units.

## $\dagger$ CHRYSANTHEMUM

Annual Double and Single Mixed. Beautiful double and single types together in a wide range of colors; blooming all summer

Pkt., $10 \mathrm{c} ; 1 / 8$ oz., 25 c; $1 / 4$ oz., 35 c.


Campanula, Choice Annual Mixed


Calendula, Orange Fantasy
Candytuft, Giant Hyacinth-Flowered



Cynoglossum, Firmament
COLEUS
Choicest New Hybrids. A class of popular decorative foliage plants with much diversity of pattern and rich coloring. For bedding or pot culture. Mixed.
Pkt., 10c; $1 / 32$ ox., 30c; $1 / 16$ oz., 55c; $1 / 8$ oz., 95 c.

## CONVOLVULUS

Lavender Rosette. An attractive North African wild flower; useful in rock gardens and for low edges. The plant attains 5 inches height and 15 inches spread, blooming at 2 months from seed, and continuing another 2 months. The flowers are in rosettes of $11 / 4$-inch morning glory flowers, a chorming lavender-blue, white in the throot and dark blue veined.

## †COREOPSIS-CALLIOPSIS

 *Lanceolata grandiflora. 18 to 24 inches. 2-inch, single flowers, rich golden yellow, in great profusion nearly the entire summer on slender, wiry, upright stems.
Pkt., 10c; $1 / 4$ oz., 15c; 1/2 oz., 25c; oz., 40c. *Auricula superba. Deep yellow, enriched by a reddish band about the eye.
MMayfield Giant. 30 inches. A new Australian varietyi improvement over all solid yellow types. More robust, firm cutting stem longer, and flowers larger with broad petals.

Pkt., 10c; $1 / 8 \mathrm{oz} ., 25 \mathrm{e} ; 1 / 4 \mathrm{oz} ., 40 \mathrm{c}$.

## CUPHEA

Firefly. 12 inches. Compact and spreading, ready to bloom about 5 months after sowing. An extravagance of tubular flowers, somewhat fluted, flaming rosy scarlet, nearly purple at center.

Pkt., $10 \mathrm{c} ; 1 / 8$ ox., 50c; $1 / 4$ ox., 90c.

## + COSMOS

Fall blooming plants; much branched and bushy
Early Klondyke, Orange Flare. Large flowered, long stemmed, long seasoned-a solid, vivid orange. Four months from seed. 6 feet. Early Sensation. (New.) Mámmoth pink and white flowers; 10 weeks from seed.
MAMMOTH EARLY FLOWERING MIXXED., 40c. Pkt. 10c: $1 / 4$ oz, 20 c : $1 / 2$ Oz.
Pkt., 10c; $1 / 4$ Ox., 20c; $1 / 2$ oz., 30c. GIANT FANCY MIXED. Large, late.

Pkt., 10c; $1 / 4$ or., $15 \mathrm{c} ; 1 / 2$ ox., 25 c . New Double Crested. This beautiful type is fine for use as a cut flower. Double centers, a row of petals around the base. Mixed.

Pkt., 10c; $1 / 8$ oz., 20c; 1/4 oz., 35 c.

## CYNOGLOSSUM-CHINESE FORGET-

## ME-NOT

Amabile. 18 to 24 inches. An all-summer's profusion of sweet scented, intensely blue forget-me-not-like flowers.

Pkt., 10c; $1 / 8$ oz. 20 c ; $1 / 4$ oz., 35c. Firmament. Bronze Medal, '39. Dwarf compact form of Amabile, about i2 inches high, the color deep ultramarine-blue.

Pkf., 10c; $1 / \mathrm{sex}$ os- 40 c ; $1 / 40 \mathrm{oz.}$,75 c .


Delphinium (Larkspur), Rosamond

## DAISY_-BELLIS

*Bellis perennis. ENGLISH DAISY. 6 inches. Provides a vast amount of short-stemmed bloom through the spring and summer. Extensively used as edging plants, and usually carry over if winter mulched.
Maxima. Double Mixed. Pink and white.
Pkt., 10c; $1 / 8$ oz., 25c; $1 / 4$ oz., 40c.
CHRYSANTHEMUM, SHASTA DAISY
Shasta. $11 / 2$ to 2 feet. Pure white flowers with yellow centers, 3 to 4 inches in diameter. They bloom the entire season.
Alaska. The American type.
King Edward VII. English strain.
I above: Pkt., 10c; $1 / 8$ oz., 20c; $1 / 4$ oz., 35c.

## DAHLIA

Popular summer and fall flowering plants. Will bloom first season if doubles are sown by Aprif 1 st, the singles by June. Height 2 to 4 feet.
Double Mixed. Includes the new, large-flowered varieties.

Pkt., 10c; $1 / 8$ ox., $25 \mathrm{c} ; 1 / 4$ oz., 40c. Unwin's Dwarf Hybrids. Made famous by the great bed on exhibition at the Century of Progress. Plants dwarf, stems long and wiry, flowers single and semi-double in several color shades. 90 days from seed. Mixed. Pkt., 10c; $1 / 8 \mathrm{Oz} ., 30 \mathrm{c}$; $1 / 4 \mathrm{oz} ., 50 \mathrm{c}$.

## DATURA-ANGEL'S TRUMPET

Showy large branching plants, growing 2 to 3 feet high, bearing creamy white trumpetbell. They make a fine sub-tropical effect in the garden if given light rich soil and a sunny location. Pkt., 10c; $1 / 4$ oz., 20c; $1 / 2$ oz., 35 c .

## DELPHINIUM - LARKSPUR

 *PERENNIAL VARIETIESBelladonna. Lovely sky-blue.
Bellomosa. Very dark blue.
Gold Medal Hybrids Mixed.
Chinensis Blue. 18 inch, dwarf
Above: Pkt., $15 \mathrm{c} ; 1 / 8$ oz., 30 c ; $1 / 4$ oz., 50 c . Blackmore 8 Langdon's Hybrids. (Eng.) Tall, very large flowered. Mixed.
ceberg. Pure white flowers.
Wrexham Hollyhock Strain. (Eng.) Tall growth, giont flowers, single, semi-double and full double; strung along the stems like double Hollyhocks. Beautiful color shades. Mixed 3 obove:

Pkt., $15 \mathrm{c} ; 1 / 8$ oz., 60c; $1 / 4$ oz., \$1.00. $\ddagger$ ANNUAL VARIETIES
Giant Myacinth-Flowered Dark Blue.
Stock-Flowered "Exquisite Pink."
Newport Scarlet. Bright double scorlet
3 above: Pkt., 10c; 1/8 ox., 25c; $1 / 4$ oz., 40c. Giont Hyacinth Flowered. 3 feet high; with
long spikes of giant double flowers. Mixed. Pkt., 10c; 1/8 oz., 20c; 1/4 oz., 35c. IMPERIAL GIANT
A new upright strain, flowering close to the central stalk.
"Rose King." Beautiful rose-pink.
White King." Pure white flowers
Pkt., 10c; $1 / 8$ oz., 30c; $1 / 4$ oz., 45 c .
Rosamond. Very early; florets large, closely packed on long spikes; pure, deep rose-pink.
Pkt., 15 c; $1 / 8$ oz., 25 c; $1 / 4$ oz., 40c.

Cosmos, New Double Crested

## DIANTHUS

Annual "Pinks" Double Choice Mixed. Mixture of best doubles. $1 / 8$ oz., 20c; $1 / 4$ oz., 35 c. Sweet Wivelsfield. "This is on outstanding English novelty. Like Sweet William, but the flowers are larger, with brilliant coloring and dainty markings, with a honey perfume.

Pkt., 10ci $1 / 8$ oz., 25 c ; $1 / 4 \mathrm{oz}_{\text {., }} 40 \mathrm{c}$.
*PERENNIAL TYPES
Alpinus alwoodi. 6-inch clump. Shades of
Pkt., 10 c ; $1 / 32$ ozz, $30 \mathrm{c} ; 1 / 16 \mathrm{oz} ., 55 \mathrm{c}$. Barbatus. SWEET WILLIAM. Great color richness, beautifully marked. Numerous broad compact trusses of single flowers like phlox. Blood-Red, Giant White; Newport Pink, and Scarlet Beauty.

Pkt., 10c; 1/8 oz. 20c; 1/4 oz., 35 c .
©Deltoides. MÁIDEN PINK. Í 8 inches. A charming slender-stemmed type, foliage prostrate, mass of smali pink flowers, carmine to light coral. May-June.

Pkt., 10c; 1/8 oz., 20c; 1/4 oz., 35c. Plumarius semperflorens. GRASS PINK. Noted for spicy fragrance and rich coloring, with long cutting stems. Mixed.

Pkt., 10c; 1/8 0z._ 20c; 1/4 oz., 30c. Plumarius fl. pl. TRUE SCOTCH PINK. Double Pkt., 10c; $1 / 8$ oz., 25 c; $1 / 4$ oz., 40 c .

## ©DICENTRA EXIMIA—PLUMY bleeding heart

15 inches. Lacy celery-green mounds. Short, arching, rose-red hearts pendent all season. Pkt., 10c; $1 / 8$ oz., 50c; $1 / 4$ oz., 85 c.

## DIDISCUS COERULEUS-BLUE LACE

umbels a fuly- tober. The terminal flower und average 3 inches across, a lacy association of long, thin tubes and flaring faces in the numerous florets; an appealing shade of "heaventy blue."

Pkt., 10c; 1/8 oz., 20c; 1/4 oz., 35c.

## DIMORPHOTHECA—AFRICAN DAISY

sunny location. Colors range through many shades and make gorgeous beds. Mixed.

Pkt., 10c; $1 / 8$ oz., 25c; $1 / 4$ oz., 40c.

## DRACAENA INDIVISA

Numerous rigid, slender, grass-like green leaves; the favorite centerpiece for box, vase and basket use

Pkt., 10c; $1 / 8$ oz., 25c; $1 / 4$ oz., 40c.

## *ECHINOPS RITRO-GLOBE THISTLE

2 to 3 feet. Thistle-like plants with globular heads of deep metallic blue.

Pkt., 10c; 1/8 ox., 25c; 1/4 oz., 40c.

## ESCHSCHOLTZIA_CALIFORNIA

POPPY
12 inches. Spreading, silvery fine-cut foliage; a liberal supply of poppy-like flowers in many color shades, spring until fall. Mixed. Pkt., 10c; $1 / 80 \mathrm{oz}$. , $15 \mathrm{c} ; 1 / 4$ 0z., 25 c ; $1 / 2$ 0z., 40c.


Dianthus, Sweet Wivelsfield


Annual Hollyhock, Indian Spring


Ipomoea--Morning Glory
Scarlett O'Hara

## EUPHORBIA VARIEGATA-SNOW-ON-THE-MOUNTAIN

Foliage and and flowers veined and heavily margined white. 2 to 3 feet. Contrast filler.

## FOUR O'CLOCK

Clustered flowers in gorgeous afternoon pro-


## FOXGLOVE—DIGITALIS

3 to 4 feet. Great thick spikes. Mixed.

## GAILLARDIA-BLANKET FLOWER

Picta lorenziana. 18 inches. Vivid, showy double, fringed cut flowers of large size Grandiflora. Mixed.
Grandiflora. 2 feet. Blooming tirst season. Yellow and orange, center and varying rings red and maroon. Mixed.

Both: Pkt., $10 \mathrm{c} ; 1 / 8$ oz., 20c; $1 / 4$ oz., 35 c. ?Dazzler. (New.) Very large flowers; rich \%portola Hybrids. (New.) $21 / 2$ to 3 feet. Flowers extra large, brilliant coppery scarlet rimmed in gold.
Both: Pkt., 10c; 1/8 oz., 35c; $1 / 4$ oz., 60c. *Goblin. (New.) 15 -inch mounds, blanketed all summer with normal flowers of brilliant yellow and a heavy deep red zone

Pkł., 10c; $1 / 8$ oz., 60c; $1 / 4$ oz., $\$ 1.10$.

## $\dagger ®$ GEUM

They resemble carnations,
Lady Stratheden. Goiden
Both: Pkt., 10c; $1 / 8$ oz., 30c; $1 / 4 \mathrm{oz} ., 50 \mathrm{c}$.

## GODETIA

Finest Mixed. Poor soil, some shade. Satiny, open flowers, all colors.

Pkt., 10c; $1 / 8$ oz., 20c; $1 / 4$ oz., 35 c.

## GOURDS, ORNAMENTAL

Tender annual climbers with curious shaped, fancifully patterned, hard-shelled fruits, which may be used in many ways. The growing of these Gourds for acquiring collections of odd patterns, is a modern (and not unprofitable) fad. Large mixed or small mixed.

Pkt., 10c; $1 / 2$ oz., 20c; oz., 35c.

## GYPSOPHILA-_'BABY'S BREATH

Delicate stems and foliage in rounded clumps: profusely sprinkled with tiny white star bloom. These misty panicles are exquisite "mixers" in bouquets.
London Market. Extra large flowers all summer. Pkt., 10c; 1/2 oz., 20c; oz., 35 c . aray perennial. 2 feet.
Pkt., 10c; 1/3 0z., 20c; oz., 35 c. \%Repens. A beautiful trailing plant for the Pkt., 10c; $1 / 8$ oz., 25 c: $1 / 4$ oz.

## HELIOTROPE

Lemoine's Giant Hybrids. Of robust growth, large flower heads, blooming all summer. Mixed. Pkt., 10c; 1/8 oz., 30c; 1/4 oz., 50c.

## *HIBISCUS-MALLOW

Large fali flowers like single hollyhocks. 3 105 feet. Red, pink, white and mixed. Pkt., 10c; 1/8 oz., 20c; 1/4 oz., 35 c.

## THREE "EVERLASTINGS"

For winter dried bouquets
Gomphrena. GLOBE AMARANTH. Charming clover-like blossoms in white, pink, and bronzy yellow. Mixed

Pkt., 10c; $1 / 2$ oz., 20c; oz., 35c.
Helichrysum. STRÁWFLOWER. 2 feet. Double flowers, thickly flat. Mixed.
Honesty (Lunaria 10c; $1 / 4$ oz., 25c; $1 / 2$ oz., 40c. MONEY, SATIN FLOWER, etc. Thin, round transparent silvery seed pods in loose panicles. Mixed.

$$
\begin{aligned}
& \text { Pkt., 10c; } 1 / 8 \text { oz., } 20 \mathrm{c} ; 1 / 4 \text { oz., } 35 \mathrm{c} . \\
& \text { 1 pkts.-one of each, for } 25 \mathrm{c} . \\
& \text { HOLLYHOCKS }
\end{aligned}
$$

Double Flowered Mixed. 6 feet. Very large rosettes; blooms second season.
Mammoth Fringed Mixed. (Allegheny,) The flowers are single and semi-double, finely fringed and curled. 7 feet.
Triumph Mixed. Dwarf and branching; semidouble flowers with fluted central rosette; in many pastel shades.
Anemone-Flowered Imperator. Two-color pastel combinations. Broad guards, tight rosettes. Mixed. 5 feet.
Annual, Indián Spring 4 ., 20c; $1 / 4 \mathrm{oz} ., 30 \mathrm{cc}$. double, 5 -inch flowers in shades of pink and red. Mixed.

Pkt., 10c; $1 / 8$ ox., 30c; $1 / 4$ oz., 50c. HUNNEMANNIA
Sunlite. A new semi-double form of bush Eschscholtzia or Tulip Poppy; extra large, cupshaped flowers of canary-yellow.

Pkt., 10c; $1 / 8$ oz., 50c; $1 / 4$ oz., 85 c.

## IPOMOEA-MORNING GLORY

Cardinal Climber (Ipomoea Sloteri). Climbs 20 to 30 feet. Leaves dark green and feathery, covered all summer with clusters of vivid red
Heavenly Blue. Large, round leaves, large morning glory flowers, bright sky-blue, Greets you cheerfully at down and creotes a delightful forenoon effect against a window, dice or pickets.
Grandiflora. MOONFLOWER. Pure white 5 -inch flower that carries on at night while its mates sleep, emitting a mild, delicious perfume.

All: Pkt., 10c; $1 / 8$ oz., 20c; 1/4 oz., 35c. Scorlett O'Hara. (New.) Gold Medal. Carmine or carnation-red flowers similar to Heavenly Blue, but wide awake from sunrise till late afternoon; its large leaves uniquely lobed. Pkt., 10c; $1 / 8$ oz., 30c; 1/4 oz., 50c. Japanese Giant (Japanese convolvulus). One of the longest known and best loved vines. Their large flowers are striped, spotted and margined in all shades from white to deepest red, blue and purple. Many are fluted and fringed. Choice mixed.

## KOCHIA SUMMER CYPRESS Ó' <br> BURNING BUSH

Ideal for annual summer hedges. A feathery, dense, egg-shaped bush ranging from 2 to 3 feet. Foliage is fine and close set. Pale, tender green throughout the summer, the color turns to vivid red towards fall.

Pkt., 10c; $1 / 4$ ax., 20e; $1 / 2$ 0x., 35 c .

## *LINUM PERENNE-BLUE FLAX

An 18 -inch broad topped bush spangled with bright blue phlox-like umbels; a fresh crop Pkt., 10c; $1 / 8$ oz., 20c; $1 / 4$ oz., 35c;

## LYCHNIS

*Chaicedonica. MALTESE CROSS. 2 to 3 feet Bright scarlet flowers in medium size flat Pkt. 10c: first year

## †LUPINE

Annual Mixed. 2 feet. Good cutting annuals Long, graceful spikes of pea-like flowers in shades of blue, rose and white. Best in partial shade.
*Polyphyllus Mixed. Perennial
Both: Pkt., 10c; 1/8 0z., 20c; 1/4 oz., 35c.
*Russell Lupins. New English strain which gives superlative height, spike and flower perfec fion added to increased color range. Mixed 10 seeds, $15 \mathrm{c} ; 24$ seeds, $25 \mathrm{c} ; 80$ seeds. 65 c ; 200 seeds, $\$ 1.25 ; 500$ seeds, $\$ 2.50$.

## MATRICARIA

eximia fl. pl. DOUBLE FEVERFEW. 2 feet. Pun gent, deep cut leaves. Pure white clustered Golden Ball. 10 inches. For summer edging Both: Pkt., $10 \mathrm{c} ; 1 / 8$ ox., $25 \mathrm{c} ; 1 / 4 \mathrm{oz} ., 40 \mathrm{c}$.

## +MIGNONETTE

A fragrant hardy annual, fine for cutting the entire season, and for winter pot culture.
Goliath. Immense spikes, red.
Pkt., 10c; 1/4 oz., 25c; 1/2 ox., 40c.

## Pkt., 10c; $1 / 2$ oz., 20c; oz., 35c.

MYOSOTIS-FORGET-ME-NOT
palustris.(a)
2 inches. Early summer.

## †NASTURTIUM

Double Glorious Gleam Hybrids. These Golden Gleam Hybrids run the gamut of colors known to Nasturtiums; are long stemmed, sweet scented, free blooming
Pkt., ${ }^{10 c}$ c $1 / 2$ oz., $15 \mathrm{c} ;$ 0z., 25 c ; $1 / 4 \mathrm{lb} ., 75 \mathrm{c}$. Golden Gleam. Compact, dwarf, double, sweetscented flowers, $21 / 2$ to 3 inches across, on 6 to 8 inch cutting stems; rich golden yellow. Pkt., 10c; $1 / 2$ ox., 15c; oz., 25 c ; $1 / 4 \mathrm{lb} ., 60 \mathrm{c}$. Dwarf Mixed. This splendid mixture contains all ne named dwarf varieties and colors. Pkt., 10c; 0z., 15c; 2 ozs., 25c; 1/4 lb., 35c;
Tall Mixed. Complete mixture of all strains of Climbing Nasturtiums
Pkt., 10c; oz., 15c; 2 ozs., 25c; 1/4 lb., 35c;

## DWARF DOUBLE "GEM"

Golden Globe. (New.) The first distinct color separation from the sem type, delicately weet scented, golden yellow.
Pkt., 10c; 0x., 25c; 2 ozs., 40c; 1/4 lb ., 75 c .
Dwarf Semi-Double Gem Mixture. Very complete with no runners, covered with large double flowers which range widely in colors Some leaves are dark colored.
Pkt., 10c; 0z., 25e; 2 ozs., 40c; 1/. lb. 75 c.


## NICOTIANA-SWEET TOBACCO

Attractive, long, broad leaves and fragrant, star-shaped bloom
affinis. Pure white, single flowers.
Hybrids Mixed. Has many colors. If plants are taken up in fall, cut back, and potted, they will bloom in the house in the winter. 2 to 3 feet.
Both: Pkt., 10c; $1 / 8$ oz., 20c; $1 / 4$ oz., 35 c. NIEREMBERGIA and NIGELLA. See page 37

## +PANSY

Pansy seed sown the latter part of April is best for spring sowing; under normal conditions, producing flowers by July and continuously until fall. A well enriched, finely worked soil is best

California Giants Mixed. A combination of choice "Giant" types; showing the best there is in size, color diversity, and other qualities.
Pkt., 20c; $1 / 16 ~ o z ., ~ 50 c ; ~ 1 / 8 ~ o z ., ~ 90 c . ~$

Engelmann's Giants Mixed. A choice show type commercially introduced from a Scottish gentleman's estate. It displays extremes of both light and dark color shades in massive flowers borne very early; plants low and compact. Our seed is absolutely true Englemanns, grown by the originator, $\mathbf{~ P k t} 20 \mathrm{c} ; 1 / 16 \mathrm{oz} ., \$ 1.00 ; 1 / 8 \mathrm{oz} ., \$ 1.90$

Roggli Swiss Giants Mixture. This type and par ticular strain provides flowers of command. ing size 3 inches or more in diameter, the stems extra long. The face patterns are of engaging interest, the petal texture thick and velvety. Above all else, the color range is most extensive, introducing red, pink and solmon shades, hitherto unknown

Pkt., 20c; $1 / 16 \mathrm{oz} ., 75 \mathrm{c}$; $1 / 8 \mathrm{oz} ., \$ 1.25$
Steele's Jumbo Mixed. Earliest and largest of all. Massive, up to $41 / 2$ inches across. The color range embraces most of the knowr. shades. Our seed procured direct from the originator.

Pkt., 25c; $1 / 16$ oz., \$1.75; 1/8 oz., \$3.25.
Trimardeau Type. Extremely free blooming Superb mixed.

Pkt., 10c; 1/8 oz., 30c; $1 / 4$ oz., 50c.

## All-America Selections AND OTHER NOVELTIES FOR 1941



Marigold, Goldsmith
Petunia,
Radiance
Radiance. A silver medal winner in All-America Selections for 1941. The color of this profusely lowering bedding Petunia is a rich cerise-rose with a brown-veined, golden throat. The large lowers, more than 2 inches across, combined with uniform habit of growth, make this Petunia valuable for porch boxes, borders and beds. Pkt., 25 c; $1 / 64$ oz., $60 \mathrm{c} ; 1 / 32$ oz., $\$ 1.00$.

## MARIGOLD

Mission Giant Goldsmith. A bronze medal winner in All-America Selections for 1941. The blooms, measuring 4 inches across, are bali-shaped, a golden- orange in color, resembling incurving chrysanthemums. The plants produce 8 to 12 branches from the base, growing to a height of 18 inches, the side branches producing as large flowers as the center branches, both early and profusely

Pkt.; 25c; 1/16 oz., 50c; 1/8 oz., 90c.

## ZINNIA

Giant Crested Howard. The flowers are large, 4 to 5 inches across, with a quilled, cushion-like center, bordered with broad guard petals. Although nearly all colors are present in this mixture, the trend is towards shades of crimson, rose, orange and yellow.

Pkt., 25c; $1 / 8$ oz., 50c; $1 / 4$ oz., 90c.

## LARKSPUR

Blue Velvet. The flowers are large, deep blue, with a velvet sheen. The plants are 3 to 4 feet tall, of the double, stock-flowered, branching type. The long, well filled spikes appear to advantage both in the garden and as cut flowers.

Pkt., 25c; $1 / 8$ oz., 50c; $1 / 4$ oz., 90 c .

## NASTURTIUM

Cherry Rose. The semi-double flowers, a soft shade of cherry-rose, nearly 3 inches across, are borne profusely on the dwarf, globe-shaped plants, which are 12 to 15 inches tall. This very early, free flowering Nasturtium is excellent for cut flowers, beds or borders.

Pkt., 25c; $1 / 2$ oz., $\$ 1.00$; oz., $\$ 1.75$.


Pansy, Roggli Swiss Giants

## PETUNIA

## SINGLE BALCONY TYPE

3 -inch single flowers, very free; in several vivid, solid colors.
Balcony Mixture. Five colors.
Pkt., 10c; 1/16 oz., 40c; 1/8 0z., 75c.
Black Prince. Velvety red, dark almost to


## SINGLE LARGE

Giants of California. Choicest mixed seed saved from show flowers. Very large. Mixed
Plit., 10c; 1/64 oz., $\$ 1.25 ; 1 / 32$ oz., $\$ 2.30$. Elks ${ }^{\prime}$ Purple. The magnificent color of the Elks; the richest purple shade conceivable. Pkt., 10c; $1 / 64$ ox., $\$ 1.00 ; 1 / 32$ oz., $\$ 1.90$. Hollywood Star. Silver Medal. Uniquely shaped like a five-pointed star, smothering the vigorous plant; rich rose with an amber throat.

Pkt., 10c; 1/16 oz., 50c.
Giow. A new Japanese variety just released. Dwarf, compact, ball-shaped (hybrida nana compacta), the flowers bright rose-red with lighter throat. Extremely free-flowering and colorful all season.

Pkt., 15c; 1/16 oz., 40c; 1/8 oz., 75c.

## SINGLE BEDDING

Celestial Rose. Low, compact plants 8 inches high, rose-pink
Rosy Morn. The most popular.
Silver Blue. Medium-sized flowers
3 above: Pkt., 10 c ; $1 / 16 \mathrm{oz}$. . 35 c ; $1 / 8 \mathrm{oz} ., 60 \mathrm{c}$. Salmon Supreme. Plants $12 \times 12$ inches. Light salmon with a white throat.

Pkt., 10c; $1 / 32$ oz., $\$ 1.50$.
Striped and Blotehed. Mixed
Pkt., 10c; $1 / 8$ oz., 25c; 1/4 oz., 40c.
Topaz Rose. 12 to 15 inches. Upright sunresisting cerise-red; scented.
Pkt., 10c; $1 / 32$ oz., 60c; 1/16 oz., \$1.00.
Single Fine Mixed
Pkt., 10c; $1 / 8$ oz., 35c; $1 / 4$ oz., 60c.
Cream Star. Silver Medal. Compact plant, quite distinct. Flowers are soft creamy white bluntly star-shaped, with a central star patern in definite cream color. This color is new to the type and most acceptable among the other shades for very dwarf bedding.

Pkt., 20c; $1 / 16 \mathrm{oz} ., 50 \mathrm{c}$; $1 / 8 \mathrm{oz} ., 90 \mathrm{c}$.
Martha Washington. Perfect mounds of plant and covering bloom, 9 inches high. 21/2-inch and covering bloom, ${ }^{\text {single }}$ flowers slightly ruffled; very striking in lilac-white with violet feathering around a block-violet throat
Pkt., 10c; $1 / 32$ oz., \$1.00; 1/16 oz., \$1.75.
Velvet Ball. $8 \times 8$ inches. A Bronze Medal winner. Ball-shaped bloom, $21 / 2$ inches thick very free; a distinctive and beautiful bloodred color. Nothing just like

Pkt., 10c; 1/64 oz., 75 c.

## DOUBLE

Triumph All-Double Fringed. 15 to 18 inches. 5 -inch flowers are usual, 95 per cent double, most of them beautifully fringed, in a bril iant color range. Mixed
Victorious Dwarf Pouble Fringed. 12 to $\$ 3.25$. Similar in every way Fringed. 12 to 15 in. height. Good for pots. Mixed. Pkt., 50 c.


Shirley Poppy

## NIEREMBERGIA-CUP FLOWER

hippomanica. Adapted to a warm, sheltered position in the garden. Only 6 inches high its dense character is cushion-like, with foliage spangled with $11 / 4$-inch flowers like petunias; delicate lavender in color. Pkt., 15c; 1/64 oz., 70c
NIGELLA-LOVE-IN-A-MIST
damascena. Mixed blue and white. Compact plants a foot high, with fine cut foliage within which is set a profusion of pretty many-petaled flowers having a darker cen tral tuft; and seed pods. Mixed

Pkt., 10c; $1 / 8$ oz., 20c; $1 / 4$ oz., 35 c.

## PPERENNIAL PEA

Splendid flowering vine for rocks, stumps and walls. Red, pink or mixed. ${ }^{\text {Pkt., 10c; 1/8 oz., 20c; 1/4 oz., 35e }}$

## PENTSTEMON

Large Flowering "Sensation." Half hardy perennial. Gloxinia-shaped flowers are borne in long spikes from May until frost. Will bloom the first season if forced and transplanted early. Colors white, pink rose and crimson early. Colors white, pink, rose, and

Pkt., $10=1 / 8$ oz., 60 ; $1 / 4$ oz., $\$ 1.10$.

## PHLOX

Starred and Fringed. Very interesting. Mixed Hardy Pki., 10c; $1 / 8$ oz., 25c; $1 / 4$ oz., 40c rieties in our choice collection Finest Mixed Pkt., 10c; 1/8 oz., 30c; $1 / 4$ oz., 50c Giant Art Shades. 9 -inch mounds. Delicate pastel shodes of alluring beauty, in all-sum Pkt., 10c; 1/16 oz., 30c; 1/8 oz., 50c Giant Salmon Glory. A supreme new variety pure salmon-pink. $1 / 16 \mathrm{oz} ., 40 \mathrm{c} ; 1 / 8 \mathrm{oz} ., 75 \mathrm{c}$ Drummondi grandiflora. Hardy annuals. 1 foot Blooms early, freely, and continues until se vere freezing. The seed may be planted in the open ground May ist or in a hotbed or house earlier, afterwards transplanted 8 to
10 inches apart each way. Choice Mixed. Pkt., 10c; $1 / 8$ oz., 20c; $1 / 4$ oz.. 35 c; oz., \$1.20.
Drummondi nana (Dwarf). Grows about 6 inches high, splendid for pot culture, for ribbon lines or for massing. Mixed

Pkt., 10c; 1/8 oz., 30c; $1 / 4$ oz., 50c.
*PLATYCODON-BALLOON FLOWER
Grandiflorum. Miniature balloons, opening up as deep-throated $21 / 2$ to 3 inch bells. 2 to 3 feet. Seed sown in early spring will bloom in August. Mixed.

Pkt., 10c; $1 / 8$ oz., 25c; $1 / 4$ oz., 40c.
PORTULACA-MOSS ROSE
Trailing sun plants; nestling round flat flowers in vivid shades of red, yellow, pink and white.
Double Mixed.
Pkt., 10c; $1 / 8$ oz., 35c; $1 / 4$ oz., 50c.
Single Mixed. Pkt., 10c; $1 / 4$ oz., 25c; $1 / 2$ oz., $40 c$.

## PYRETHRUM ROSEUM——PAINTED

## DAISY

Hybridum. Blooms the first season if sown early. 2 to 3 inch, daisy-like flowers in white, rose, crimson and scarlet. Foliage fine wut and ferny. 2 feet.
Double and Single Mixed
Pkt., 15 c ; $1 / 8$ oz., 30c; $1 / 4 \mathrm{oz} ., 50 \mathrm{c}$.
Single Mixed.
Pkt., 10c; $1 / 8$ oz., 25c; $1 / 4$ oz., 40 c.

## POPPY-PAPAVER

Poppies are among the most interesting of the garden flowers with vivid colors and fern like foliage. Annuals should be sown as early in the spring as possible, just barely covered in the location where they are to remain.

## †ANNUAL POPPIES

Shirley Poppies. This type is perhaps the most beautiful of all; one sowing keeping the bed alight all summer. Although they are mostly single, many come semi-double, or with fluted margins, ronging from white through various shades of pink, to scarlet and crim son. Mixed.

Pkt., 10c; $1 / 4$ oz., 20c; $1 / 2$ oz., 35 c. Carnation-Flowered. Many-petaled, finely Pkt., 10c; 1/4 oz., 20c; 1/2 oz. 35 c.

## PERENNIAL POPPIES

Orientale. These flowers average 6 inches arry are imposing in spring, with theil to 4 ange-scarlet bloom, on nodding stems Pkt., 10c: $1 / 2$ oz 20c: 1/ oz 35 c *Large Fiowered Oriental Hybrids Mixed. The colors in this mixture may be various shades of red, orange, pink and white,

Pkt., 10c; 1/8 oz., 20c; 1/4 oz., 35c. lceland (Papaver nudicaule). Small, single cup-shaped flowers 2 to 3 inches in diameter sown ruffled petals; yellow, orange and white. continue until cold weather if not allowed to bear seed. Mixed

Pkt., 10c; $1 / 8$ oz., 20c; $1 / 4$ oz., 35c. :Sandford's Giant Strain. (New.) Of true iceland type; yet the cutting stems attain 2 to 3 feet, and the magnificent flowers often measure 5 inches in diameter. These are sensational when introduced as cut flawers. Mixed.

Pkt., 10c; $1 / 8$ oz., 25c; $1 / 4$ oz., 40c.

## $\dagger$ RHODANTHE—STRAWFLOWER

Excellent garden cut flowers, blooming freely in late summer on plants 9 to 12 inches high. These come in white, pink and red and when dried are charming "everlastings"

Pkt., 10c; $1 / 8$ oz., 20c; $1 / 4$ oz., 35c

## RICINUS-CASTOR BEAN

Zanzibarensis. Robust grower, enormous green and red, lobed leaves. A large group gives a tropical effect. Mixed.

Pkt., 10c; oz., 25c; 1/4 lb., 75c.

## *RUDBECKIA—BLACK-EYED SUSAN

Newmanni. $11 / 2$ to 2 feet. Daisy-like flowers with prominent blue-brown cone.

Pkt., 10c; $1 / 8$ oz., 20c; $1 / 4$ oz., 35 c .

## SALPIGLOSSIS

Half-hardy annual, 2 feet. The flowers are open, bell-shaped, numerous and gracefully set on the stems, varying by culture from 2 to 4 inches across. The colors are rich and voluptuous with metaltic luster, marbled and pencilstreaked, many flowers having the appearance of being sprinkled with gold dust. Blocm from August to October, on long stems.
Emperor Choice Mixed.
Pkt., 10c; $1 / 8$ oz., 20c; $1 / 4$ oz., 35 c.

## SALVIA—FLOWERING SAGE

America. Because of its uniform growth, coupled with profuse and continuous bloom, America is particularly valuable for extensive mass bedding.
Plue Bedder. Actually perennial 10 c ; $1 / \mathbf{1 / 4}$ oz., 90 c . an annual. Flowers deep blue, fine for cutting. Seed sown in early spring blooms from July to October
Pkt., 10c; 1/8 oz., 60c; 1/4 oz., 1.00. Splendens. The plants grow from $11 / 2$ to 3 feet in height, inclined to branch freely towards the top. Bright scarlet.

Pkt., 10c; 1/8 oz., 35c; 1/4 oz., 65 c .

## SAPONARIA-SOAPWORT

Vaccaria rose. A showy summer border plant 2 feet high, bearing great masses of small single flowers; a soft, satiny pink. Cut, they mix well in bouquets.

Pkt., 10c; $1 / 8$ oz., 15c; $1 / 4$ oz., 25 c.

## †SCHIZANTHUS—BUTTERFLY FLOWER

Annuals, producing in a few weeks from seed, a plant obscured by a wealth of flowers in many colors, spotted, blotched and veined. Hybridus grandiflorus. Choice mixed. $\begin{aligned} & \text { Hybridus grandiflorus. } \\ & \text { Pkt., } 10 c ; 1 / 8 ~ o z ., ~ 20 c ; ~ \\ & 1 / 4 \text { oz., } 35 c .\end{aligned}$


Single Portulace


Phlox, Drummondi grandiflora


Salpiglossis

## Sulvia, Amerir


†SCABIOSA—MOURNING BRIDE
Blue Moon. Beehive shape instead of the usual "pincushion" type of flower. The color is
deep lavender-blue. Plants attain 3 to 4 feet, deep lavender-blue. Plants attain 3 to 4 feet,
broadly pyramidal, supporting a vast amount of cut flowers in á season.

Pkt., 10c; $1 / 8$ oz., $30 \mathrm{c} ; 1 / 4$ oz., 50c. Double Mixed. 2 to $21 / 2$ feet. Blooms profusely from July until severe autumn frosts. Flowers are of compact rounded shape, long stems, making them ideal cut flowers' which keep.

Pkt., 10c; $1 / 8$ oz., 20c; $1 / 4$ oz., 35 c. Grandiflora, Rosette. Deep rose, heovily suf fused with salmon. A rare cut flower with its long, stiff stems.

Pkt., 10c; $1 / 8$ oz., 30c; $1 / 4$ oz., 50c. Peach Blossom. A beautiful shade of peach blossom pink, large size and long stems. An excellent cut flower
Pkt., 10c; $1 / 8$ oz., 20c; $1 / 4$ oz., 35 c. Heavenly Blue. Lovely azure-blue, very early flowering and exceptionally free. Plants 18 inches, uniformly bushy, loaded with short but wiry-stemmed, high-crowned, double flowers $1 / 2$ inches wide by 1 inch deep.
Stays in bloom 4 or 5 weeks, and is very atStays in
tractive

Pkt., 15c; $1 / 8$ oz., 25c; $1 / 4$ oz., 40c.

## +STATICE

This is one of the most popular "Everlastings," producing liberal crops of medium sized flowers for cutting, in a wide range of colorsspotted, blotched and veined-in just a few nitely. Mixed.

Pkt., 10c; $1 / 8$ oz., 15c; $1 / 4$ oz., 25c.

## *STOKESIA-STOKES' ASTER

Cyanea. Showy deep lavender-blue, aster-like flowers, in broad clustered heads from June on. Blooms first year from seed. $11 / 2$ to 2 feet.

Pkt., 10c; 1/8 0z., 25c; 1/4 oz., 40c. STOCKS
The "Gillyflower," in close set, thick panicles on both main and side stems.
Giant Double Perfection. "CUT-AND-COMEAGAIN." An "everblooming" strain commencing in July (from seed sown in March or April), but attaining perfection in September and October. Mixed.

Pkt., 10c; $1 / 8$ oz., 25c; $1 / 4$ oz., 40c. Dwarf Double Ten Weeks. Sturdy, dwarf, compact growth, all but a small percentage caming double, in very large size flowers. Mixed. Pkt., 10c; $1 / 8$ oz., 30c; 1/4 oz., 50c.

## +SUNFLOWER-HELIANTHUS

Double Chrysanthemum Flowered. 6 ft . Double
Pkt., 10c; $1 / 4$ oz., 20c; oz., 60c. Large Russian. io to $15 / 4$ feet., Docible. Raise the seed in quantity for poultry. Purpureus. NEW RED $1 / 4 \mathrm{lb}$. 15 c ; $1 / 2 \mathrm{lb} ., 25 \mathrm{c}$. ers come in various shades of red fowmargined with yellow, ranging from 2 to 5 inches in diameter. Plants grow branchily 3 to 4 feet hiah, and bloom freely.

Pkt., 10c; $1 / 4$ oz., 15 c ; 0z., 45 c .

## TITHONIA—MEXICAN SUNFLOWER

speciosa. 6 feet. An early, fall blooming background plant, resplendent with large, deep golden orange single flowers like zinnias. 40 c

## *SWEET PEAS

Culture, Locate planting where there will be uninterrupted sunlight, in as good soil as possible, thoroughly mixed with well-rotted manure. Seed should be sown in March if possible, about 6 inches down in the trench. Support in the form of brush, chicken wire, or tout strings should be supplied, plants thinned 2 to 4 inches apart and soil drawn in for good protection EARLY FLOWERING SPENCERS
$1 / 2$ oz., 25 c ; oz., 45 c ; $1 / 4 \mathrm{lb} ., \$ 1.50$.
Heather Bell. A deep mauve-lavender. Very
striking color, and of attractive form
Hercules. Giant pink with white base.
Shirliy Temple. Four very large flowers with slightly ruffled petals, to each stem. A dainty, soft rose-pink.
Snow Storm. (Improved strain.) A clear, sparkling white.
"SPRING FLOWERING" SWEET PEA
Rose-Pink. A rather important, newly broached group midway in blooming season between the Early and Late Spencers. Vigorous, longstemmed, heat resisting. The color of this medal winner is vivid rose-pink, the flowers large and well formed.
$1 / 2 \mathrm{Oz} ., 25 \mathrm{c}$; 0z., 45 c ; $1 / 4 \mathrm{lb} ., \$ 1.25$.

## SUMMER FLOWERING SPENCERS

Price: $1 / 2$ ox., 15 c ; oz., 25 c ; $1 / 4 \mathrm{lb} ., 75 \mathrm{c}$;
Charity. Pure crimson; a bold, brilliant flower.
Will not sunburn
Constance Hinton. A mammoth sized white, at first faintly blushed
Reflection. One of the very best; clear blue Vine vigorous; flowers large, on long stems scarlet Welcome. Dazzling scariet; a vivid, satisfying color

## MIXTURES

Price: $1 / 2$ oz., 10c; oz., 15c; $1 / 4$ lb., 50c;
Early Sunrise" Mixture. This is wondefui blend of the nomed Early Flowering Spencers. blend the named Early flowering Spencers. ummer Spencers Mixed. A great many variE H "Sunset" Mi
in our mixingixtures. Exactly apportioned in our mixing for color balance, from
choice named varieties of Summer Spencers.

## TAHOKA DAISY

A recent introduction, which produces a wealth of $11 / 2$-inch brilliant lavender Daisies, July to October, on rounded cushions of lacy light green foliage a foot high by 2 feet splead, from spring grown seed. Extra good cut
flowers, and a remarkably showy garden plant, flowers, and a remarkably sh
defiant of heat and drought.

Pkt., 10c; 1/16 oz., 40c; 1/8 oz., 70c.

## TORENIA-"WISHBONE FLOWER"

Fournieri. A fine branching, small-leaved annual plant useful for vases, hanging baskets, and summer borders. Plants are covered the entire season with inch-thick solitary flowers: deep sky-blue, with three velvety violet spots, yellow throat

Pkt., 10c; $1 / 802 ., 40 c ; 1 / 402 ., 70 c$.

## TAGETES_MARIGOLD

Early Sunshine New Bush Marigid proved Dixie Sunshine. It is dwarf and bushy, about 24 inches. The flowers are 2 to $21 / 2$ inches wide, lemon or sulphur-yellow, with nicely incurved petalage. One of the earliest to bloom.

Pkt. $10 \mathrm{c} ; 1 / 8$ oz., 25c; $1 / 4$ oz., 40c.
Burpee Gold. (New.) Dwarf; free; carnationlike flowers. Entirely free from the accustomed Marigold odor. Flowers of heavy substance, average $31 / 2$ inches across, are fully double with an artistic arrangement of the long, loose petalage; rich, gleaming orange.
Crown of Goid. 3 teet. Not a trace of the pungent Marigold scent in flower stem or foliage. Foliage unusually sparse. Flowers 21/2 inches wide; bright golden orange. flowers 5 to 7 inches across, varying in color between shades of vivid orange, dark and light yellow, and primrose. A small percentage may come in single, but with no loss of beauty. Long stems for cutting: rather sweet scented.
All above: Pkt., 10 c ; $1 / 8$ oz., 25 c ; $1 / 4$ oz., 40 c . Guinea Gold. Richest, purest orange-gold in less formal but more artistic flowers of large size; borne in great profusion. Long stems for cutting. $21 / 2$ feet

Pkt., 10c; $1 / 8$ oz., 20c; $1 / 40$ oz., 35 c. FRENCH GROUP
Harmony. (New.) Bushes 15 inches high by feet wide, studded continuously all summer with brilliant small flowers. The broad outer petals are deep mahogany-red, surrounding central crested cushion of golden yellow.

Pkt. 10c: $1 / \mathrm{s}$ oz. $20 \mathrm{c} ; 1 / 4$ oz., 35 c Signata pumila. BORDER OF GOLD Showy dwarf, compact. Rarely 12 inches high; fernlike foliage and golden flowers.
Legion of Honor. 9 inches. Single flowers olden vellow with velvety, maroon spot Both: Pkt., 10c; $1 / 4$ oz., 20c; $1 / 2$ oz., 35 c. Dwarf Royal Scot. All double. (New.) Fílowers are a unique, very striking alternation of ich mahogany and gold stripes.

Pkt., 10c; 1/8-0z., $25 \mathrm{c} ; 1 / 4$ oz., 40c. Dwarf French Double and Single Mixed. I foot Fancy color combinations.

Pkt., 10c; 1/4 oz., 15c; 1/2 oz., 25 c. Yellow Pigmy. Very compact, ball-shaped' plant 8 inches tali; freely producing l-inch double, French Lilliput flowers of light lemon-yellow Extremely good for edging and very delightul used in pots. Pkt., 15c; $1 / 8$ oz., 35 c

## AFRICAN GROUP

Yellow Supreme. New African. 26 inches high Fluffy flowers of light golden yellow. Good odor Pkt., 10c; 1/8 oz., 35c; 1/4 oz., 60c. Tall Double African Mixed. 3 feet
Dwarf Double African Mixed. 20 inches.
Both: Pkt., 10c; $1 / 4$ oz., 20c; $1 / 2$ oz., 35 c.

## VERONICA

Incana. | foot. Showy silver-white foliage: slender spikes of amethyst-blue flowers. JulyAugust. Pkt., 10c; 1/8 oz., 40c; $1 / 4$ oz., 75 c.

## S E H "COLOR RIOT"

Annual Mixture. Seed from hundreds of an nuals that will give amazing results the first year.
Perennial Mixture. A splendid mixture; all Both: Pkt., 10c; oz., 25e; 1/4 lb., 75c

## ROCK GARDEN

Annual Mixture. 25 associated kinds. Suit
Pkt., 10c; $1 / 2$ oz., 35c; az., 60c. erennial Mixture. Made up from 50 choice rock garden perennials.

Pkt., 10c; 1/8 oz., 30c; 1/4 oz., 50c.
[38]

Marigold, Early Sunshine


Marigold gigantea, Sunset Giants


## VERBENA

Mammoth Flowered. A showy creeper with uprising stems to 18 inches, literally covered, midsummer to frost, with umbels of brilliant bloom in several distinct colors. Mixed. Pkt., 10c; $1 / 8$ oz., 20c; $1 / 4$ oz.
Beauty of $\mathbf{3 5 c}$.
Oxford $H y b r i d s . ~ I n d i v i d u a l ~ f l o r e t s ~$ one inch in diameter. Robust and upright, freely branched; colors ranging from clear rose-pink to deep rose-red. Mixed.
Pwart Pkt., 10c; 1/8 oz., 35c; 1/4 oz., 60c. high by 20 inches broad numerous uprioht stems. Deep heads violet-blue with white coroll Deep heads
 12 inches. Showy purple spikes all summer Pkes. Showy purple spikes all summer. $10 \mathrm{c} ; 1 / \mathrm{g}$ oz., 40 c ; $1 / 4$ oz., 75 c .
*VIOLA-TUFTED PANSY
Dwarf edging plants, hybrids of the Alpine Viclet and garden Pansies. They bloom 8 months if sheared often. Mixed.

Pkt., 10c; $1 / 8$ oz., 30c; $1 / 4$ oz., 55 c.

## WALLFLOWER

Eariy Wonder Double Mixed. 2 feet. Many spikes of fragrant double flowers in a fine


## *YUCCA-SPANISH BAYONET

Filamentosa. Broad, sword-like leaves, quite evergreen. Midsummer flowers on tall, branched spikes; pendent, large, creamy white bells.

Pkt., 10c; $1 / 8$ oz., 15c; $1 / 4$ oz., 25 c.

## $\dagger$ ZINNIAS

Hardy annual. We recommend Zinnias for beds, borders and summer hedges, where the will bloom quite freely, and are comparably bright during the month of August. Sow seed in the open ground early in spring or start in
hotbed or window and transplant when ground is suitably warm.

## DAHLIA-FLOWERED

They very closely resemble the double decorative type Dahlias in form and in their robust growth. Plants get up to 3 feet in height and perfect flowers ore often 6 inches wide by 3 and 4 inches in depth. These range widely as to color, even depths and tones heretofore unknown to Zinnias.
Crimson Monareh.
Scarlet Flame.
Double Dahlia-Flowered Mixed.
All Zinnias following at one price.
Pkt., 10c; $1 / 8$ oz., 25c; $1 / 4$ 02., 40c.
Giants of California. A distinct new type with flattened flowers only an inch thick, but 5 to 6 inches across, the short, overlapping formality unique among Zinnias. Branching plants 3 feet high producing on extravagance of long-stemmed, vividly colorful bloom. Mixed.
Lemon Queen. (New.) Light canary-yellow on upper side and cerise on lowers. Flowers

Early Wonder, Fiesta. Very early and adapted to florist's use. This variety, Fiesta, is rich, deep red.
Scabiosa-Flowered. Flowers $21 / 2$ to 3 inches across, with broad outer petals surrounding a cushion-like crown of many quilled petals; remindful of the annual Scabiosa and the crested double cosmos. Colors include white, shades of yellow, orange, crimson and scarlet.

## DOUBLE POMPON-"'LILLIPUT"

Double Pompon Mixed
Lilliput Pastel Shades. Compact flowers, 1 to $11 / 2$ inches in delicate shades of apricot, peach, yellow, shell-pink, salmon-rose and orchid. Very free bloomer. 45 days. Mixed. Ded Riding Hood. 12 inches. Vividly effective; bright crimson-scarlet; once used, ever after wanted.
Stricta elegans, Zebra. Medium size, compactly double, evenly imbricated flowers of every color, each gaily splashed and mottled with contrasting shades. Mixed.

## FANTASY

Plants $21 / 2$ to 3 feet. Splendid, well-rounded, good sized flowers in oll-season abundance of pleasingly unique construction, popular both for cut flowers and for bedding. The colors range through orange, red, pink and cream, with pastel tones. Mixed.
Rosalie. (New.) Intense bright rose; typical Star Dust.
ar Dust. Rich golden yellow color, derived from "Fanta
long stems.
White Light. Nearest to pure white to be found in Zinnias. Petals curled and crested.

## GIANT PICOTEE

Plants 2 to $21 / 2$ feet and firmly compact The beautiful flowers are of a giant type, each petal distinctly tipped with a darker shade as in Picotee Carnations. They come in a variety of colors, including orange, flesh, lemon, pink and cerise, each with the peculiar markings on tips of petals. Mixed.

## DWARF ZINNIAS

Gypsy. One of the new "Early Wonder" group which gives flowers about 30 days from seed, Plants 15 to 18 inches. Medium sized double flowers on long, wiry stems; a rich, deep, burnished orange.
Linearis. Very dwarf but spreading, 8 to 10 inches high, by 2 feet. Early flowers; single flowers deep golden orange with light centra stripe and dark center
Navajo. Special recommendation by "All America" selection for 1938. Blooms freely from early summer into late fall. A dazzling bedder, and very charming for bouquets. Flowers medium sized double and semidouble, ranging through' colors of lilac, lavender, russet, crimson, orange, yellow, pink and other pastel shades. The outer one-third of each petal is a decided light contrast to the body color. Mixed.
Spun Gold. 12 to 18 inches. 45 days. Double flowers $21 / 2$ to 3 inches wide. Delicate pastel
Tom Thumb. Neat, compact plants maturing to not over 10 inches. The perfect double mence vary from to 2 inches wide, commence appearing with the first leaves just above the ground, and continue lavishly throughout the season. Colors all shades of red, yellow, white and pink. Mixed.

[39]
Torenia Fournieri


## Dahlia

Flowered Zinnia


A Small Garden Will Supply the Average Family


Beans, Stringless Green Pod
Beeis. Perfected Detroit


## ABSOLUTELY RELIABLE Vegetable Seeds

## ARTICHOKE

Green Globe. Raised for the young green flower heads, usually boiled or baked and eaten with a butter sauce.

Pkt., 10c; $1 / 2$ oz., 20c; oz., 35 c.

## BEANS

1 lb . sows about 100 ft .; 45 to 100 lbs . to he acre.
Culture. A light loam is best. Plant when the apple tree is in bloom, and repeat every two weeks until within 50 days of frost. In gardens make rows 2 feet apart. Sow seed in proper quantity to ensure one plant to every 2 or 3 nches. Average height of the bush beans is 15 inches.

Price of all Eeans (except as noted)
Pkt.
$\$ 0$ Postpaid

| $\$ 0.10$ | 2 |
| ---: | ---: |
| .25 | lbs |

$\$ 0.70$
1.40
$1 / 2 \mathrm{lb}$

$$
\begin{array}{ll}
25 & 5 \\
40 & 10 \\
40 & \text { lbs. }
\end{array}
$$

2.60

## By Express or Freight Collect

15 lbs.
$\$ 0.19 \begin{array}{ll}25 & \mathrm{lbs} \text {. or more. \$0.17 }\end{array}$

## KENTUCKY WONDER POLE

Old Homestead. ( 65 days.) The well-known climbing bean requiring tall poles or wire pods 7 for its prodigious crop. Edible green backed, fleshy, borne freely in clusters of 2 to 4. The beans are substantial, of fine flavor

## KENTUCKY WONDER BUSH

The Commodore. (New Dwarf.) No poles needed; but allow extra space for bush expansion. The pods measure 8 to 9 inches long, nearly straight, fleshy, brittle, and stringless, of that delightful Kentucky Won-
 Pkt., 10 lbs ; $\$ 1 /{ }^{1 / 2 \mathrm{lb}}$.

## GREEN POD BUSH

Black Valentine Stringless. $A$ desirable new bean, entirely stringless, with dark green pods in great quantity. Beans fleshy, of fine flavor, mature very early.
Dwarf Horticultural (Roman). ( 40 days.) Broad, thick, curved pods $51 / 2$ to 6 inches long, with carmine splashes on the successively green to yellow skin. Mottled beans fair sized, tender, of fine flavor. A fine snap, shell, baker or dry bean
Early Bountiful. ( 42 days.) Practically rust and mildew proof, and very prolific; one of the very first and among the latest to quit production. Pods $61 / 2$ inches long, straight, by $1 / 2$ inch wide. Beans excellent, stringless, brittle.
Full Measure. ( 45 days.) Very prolific. Perfectly stringless, round, very fleshy, deep green pods 5 to 6 inches long. The quality is superb.
Stringless Green Pod. ( 40 days.) Long, thick round, stringless pods, tender and brittle; of variety is one of the most popular beans in variety is
Tendergreen. ( 52 days.) Popular, new, good green in color, extra tender in texture, of delicious flavor, beans large and round stringless. The vines are vigorous and very productive.

## BEETS FOR ALL PURPOSES

## FOR TABLE USE

Crimson Globe. ( 45 days.)
Crosby's Egyptian. ( 40 days.)
Eclipse. (50 days.)
Pkt., 10c; oz., 15c; 1/4 lb., 35c; lb., 90c.
Detroit Dark Red. ( 50 days.) Globular, smooth, dark blood-red; flesh bright, tender, sweet; the most popular Beet for both market and home garden.
Perfected Detroit. ( 50 days.) Superior to any variety yet introduced. Comes 90 per cent true to exactly the same shade of dark red color and does not show any white rings. Tops are medium and their close, compact lops are medium and their close, compac atfachment leaves a larger portion of the and uniform. Excellent for canning and and uniform

Pkt., 10c; 07., 15c; 1/4 lb., 35c; lb., 90c.

## ASPARAGUS SEED

Mary Washington. Choice wilt-resistant variety Pkt., 10c; 0z., 15c; 1/4 lb., 25c; Ib., 75c.

YELLOW POD OR WAX BUSH
Dwarf Unrivelled Wax. (30 days.) Notable as the earliest Wax Pod Bean. The Yellow 6inch pod is nearly straight with curving tip. A heavy cropper, free from rust and blight, the beans of excellent flavor
Early Wonder Wax. ( 35 days.) Pods 5 to 7 inches, flot, plump, meaty, and brittle; their clear yellow seldom scarred by rust
mproved Golden Wax. ( 40 days.) Pods are oval and thick, entirely stringless; clear, waxy, god Black Wax with fine buttery flavor. encil Pod Black Wax. ( 40 days.) Extremely prolific; beans measure 6 to 8 inches long, slightly curved; pencil thick; brittle, stringless, golde
Round Pod Kidney Wax (Brittle Wax). (45 days.) Large, femon-yellow, fleshy pods which hang thickly on the plants; fine flavor. stringless, free from rust.

## Red Kidney, ( 60 days.)

White Kidney. ( 60 days.)
White Marrow. POLE LIMA BEANS
Plant first week in June, about 1 inch deep, with the eye down. Set poles 3 feet apart. Be iberal with seed, but thin to 3 or 4 plants. Early Leviathan. ( 75 days.) Pods contain 3 to King of ${ }^{2}$

BUSH LIMA BEANS
Pkt., 10c; 1/2 lb., 25c; lb., 40c; 5 lbs., \$1.55; Pkt.; loc; $\$ 2.80$
By express or freight, not prepaid
25 lbs. at 21c; or over at 20c.
Burpee Improved Bush Lima. (75 days.) Excellent flavored Beans, borne on large, vigorous plants. Extremely prolific, hanging in enormous clusters. Pods contain from 4 to 6 beans of greenish color.
ordhook Bush Lima. ( 75 days.) Makes an ideal bushy growth with stiffly erect stems and branches. An enormous bearer of plump. we i-filled pods in clusters of four to six, all ready for use at the same time, upheld above the d.rt, and so cleon and free from rust and rot. The beans are large, thick, greenish, tender, sweet and juicy, with a rich, nutty flavor.
Baby Potato" Bush Lima Bean. ( 60 days.) You probably remember the desirable qualities of Henderson's "Baby" Lima. This new bobv, which received the highest points in 1939 c ${ }^{\text {Empmpetition and was awarded a Silver }}$ Medal, resembles the 12 - to 16 -inch bush development of Henderson its pods are reolly large, very freely produced and filled with chubby little beans of delicious Lima flovor Because of its unmotched earliness, the tender green eating stage and the creamy white matured dry stage, both occur safely before injury by the cold which menaces before injury crops.

Pkt., 15c; 1/2 lb., 35c; lb., 60c.

## FOR GREENS

Swiss Chard, Lucullus. ( 50 days.) The plants grow to a height of 2 to $21 / 2$ feet. The stalks are heavily ribbed and from 10 to 12 inches long below the leaf; are delicious when cooked and served in the same manner as Asparagus. The leaves are large, heavily crumpled or "savoyed," crisply tender and of fine flavor. Cook and serve in the same manner as spinach

Pkt., 10c; 02., 15 c ; $1 / 4 \mathrm{lb} ., 35 \mathrm{c}$; lb., 90c. SUGAR BEETS AND MANGELS
Giant Half Sugar Rose. ( 95 days.) White with a rosy tip; flesh pure white
Golden Tankard. ( 95 days.) Golden; roots half long.
Klein Wanzleben. ( 65 days.) Very popu'ar.
Mammoth Long Red. (115 days.)
Oz.. 10c; 1/4 lb., 25c; lb., 60c; 5 lbs., $\$ 2.50$; 10 lbs., $\$ 4.50$.

BROCCOLI (HARDY CAULIFLOWER)
Italian Green Sprouting. (90 days.) Makes a large head and many branching sprouts which are cooked like cauliflower; even milder in flavor; delicate and delicious. Sow in May and June; harvest in August and later. 10 ck; $1 / 4$ oz., 15c; $1 / 2$ oz., 25c; oz., 35c; PkI./4 lb., 90c.

## BRUSSELS SPROUTS

Highly esteemed for boiling during the late fall and winter months. The sprouts resemb:e miniature cabbages, growing close to the stalk of the plant, being produced in abundance from tip to ground level.
Improved Dwarf. ( 125 days.) The very best Long Island grown seed. Grows $11 / 2$ feet high, and is very productive Pkt., 10 c ; $1 / 2$ oz., 15 c ; 0z., 25 c ; $1 / 4 \mathrm{lb} ., 75 \mathrm{c}$.

## CABBAGE

Price of Cabbage (except noted). Postpaid: Pkt., 10c; $1 / 2$ oz., 25 c; oz., 45c; 1/4 lb., \$1.25; lb., \$4.00.
American Drumhead Savoy. (110 days.) The Savoys excel all other cabbages in flavor and this is the best of them. Compact, on short stalks; leaves crinkled, deep green,
Copenhagen Market. ( 75 days.) Produces magnificent heads similar to Danish Ball Head, weighing 8 to 10 pounds. The highest yielding early cabbage.
Danish Ball Head. (110 days.) Dutch Winter or Hollander. The heads are of medium size, solid and deep, averaging nearly 8 pounds. Quality unsurpassed; just as solid in spring as when put away. The best tile cabbage; unexcelled as on all-purpose
for market shipping, krout or storage.
Early Jersey Wakefield. (70 days.) This is the hardest heading and most dependable of the extra early sorts. Small, compact, pointed, of crisp texture', and fine flavor.
Glory of Enkhuizen. ( 85 days.) Large, round, solid, very uniform heads, with short stem and few outer leaves. A good cropper for second early and even winter use.
Golden Acre. ( 65 days.) A recent Danish introduction, valuable for extra hardiness, extreme earliness; uniformity in size and development, with the desirable firmness of later sorts. Round heads of medium size.
Mammoth Rock Red. (110 days.) By far the best, largest and hardest heading Red Cab bage ever introduced.
Marion Market. ( 75 days.) Disease-resistant Fine round heads of the Copenhagen type, solid, fine-grained and tender, weighacter is excellent for market os well as home use. Particularly immune to disastrous "yellows."

Penn State Danish Ball Head
(120 day This is a fine new variety developed at Pennsylvania State College. Productive, late uniform, attractive, hard 7 -inch heads.
Premium Flat Dutch. (110 days.) Dependable for late use.
Wisconsin "All-Seasons." (95 days.) Resistant to wilt and yellows. Very solid, slightly flat tened heads.
Wisconsin Hollander. A yellows-pesistant strain of fine yields even on infested land. Extra good for yield, keeping quality, for kraut storage and shipping.

## CHINESE CABBAGE (70 Days)

Culture. For early use in hotbed in February March. When 4 inches high transplant, if the weather is suitable, 1 foot apart in $21 / 2-$
ft . rows. For the main crop, sow in August or ft . rows. For the
early September.
Pe Tsai. While not a cabbage, it is closely related, both belonging to the Brassica famly. When well grown, makes a head 15 nches long and 4 to 5 inches in diameter blanching to a beaulious when cooked lik as a salad or is delicious when cooked like cabbage.

## NEW CELERY CABBAGE

Improved Pekin (or Chihli). ( 70 days.) A wonderful new salad plant; resembling both Celery and Cos Lettuce, but with a delicious flavor all its own. May be boiled like cabbage, or cooked as greens, or served as a crisp, tasty salad. Best in cool weather but not hardy to frost.

## CARROT

1 ounce to drill 200 feet.
Carrot prices (except noted). Postpaid Pkt., 10c; oz., 25 c ; $1 / 4 \mathrm{lb}$., $\mathbf{7 5} \mathrm{c}$; $\mathbf{l b} ., \$ 2.25$. Chantenay. ( 60 days.) Uniform shape, intermediate in size, deep golden orange; fine for table use
Red Cored Chantenay. ( 60 days.) Excellent for slicing, and dicing for soups, salads, etc., because the deep orange heart is the same as the flesh, and does not turn yellow when cooked. Small tap root and collars.
Danvers, Half Long. ( 75 days.) Smooth, good size best for stock
Improved Long Orange. ( 75 days.
Improved Nantes. ( 65 days.) Half-long, a!most cylindrical, blunt end, very small tap root Flesh fine grained, with very little core, both smooth skin and flesh deep orange.
Morse's Bunching. Forms attractive deep orange carrots 7 to 8 inches long by $11 / 4$ inches thick. They are aimost cylindrical with an abrupt stump root. Tender, brittle and very sweet, showing only a faint core.
Oxheart. ( 75 days.) A short, thick variety good either for family use or market, and profitable for feeding
Pride of Denmark. Immensely productive, 6 to 8 inches long, uniformly thick, ottractive deep orange ali the way through
Supreme Half-Long. Resembles a small refined Danvers with short tops. Root 6 to 7 inches long, about 2 inches in diameter at shoulder, tapering to a half-stump. Flesh tender, sweet, of excellent flavor, dark red, with little core

Pkt., 10c; oz., 25c; $1 / 4 \mathrm{lb} ., 80 \mathrm{c}$; lb., $\$ 2.50$.
Touchon. Roots deep orange, cylindrical, stumpy. Flesh orange, tender, sweet, fine


## CAULIFLOWER

Dwarf Erfurt. Suitable for either forcing or open ground. It produces a solid, pure white medium size head. This cauliflower will be furnished only as long as our present supply lasts.
Pkt., 15c; $1 / 4$ oz., $\$ 1.50 ; 1 / 2$ ox., $\$ 2.75$; oz., \$5.00.

## CELERY

Celery prices postpaid (except noted) : lb., \$2. 25.
Giant Pascal. (153 days.) for second early and mid-winter use. The stalks are large, thick, solid, Crisp, of rich nutty flavor; free from

Giant Pascal Special Strain. Stalks blanch easily to a clear waxy yellow. Free from stringiPkt., $10 c ; 1 / 2$ oz., $25 c$ c oz., $40 c ; 1 / 4 \mathrm{lb} ., \$ 1.10$; lb., \$250
Giont Pascal French Imported. Vigorous, compact, productive. Leaves upright, short, dark green. Stalks short, broad, very thick, crisp and tender, blanching readily to a yellowish white. Good keeper.
Pkt., $10 \mathrm{c} ; 1 / 2$ oz., 25 c ; oz., 40 c ; $1 / 4 \mathrm{lb} ., \$ 1.10$; lb., $\$ 2.50$.
Golden Plume. ( 110 days.) Large heavy stalks with a full, solid heart; always crisp, brittle, Pkt., 10c; oz., 50 cc ; $1 / 4 \mathrm{lb} ., \$ 1.75$; lb., $\$ 4.50$. CELERIAC
Giant Prague. ( 125 days.) The root is turnipshaped, sweet and tender, and may be shaped, sweet and tencer, and like radishes; used largely for seasoning. Large Smooth Prague. Very large roots (3-4 inch diameter), globular, fairly smooth; the stalks hollow, dark green


Penn State Danish Ball Head Cabbage


Chinese Cabbage, Pe Tsai


Giant Pascal Celery


Chantenay Carrots


Endive, Broad-Leaved Batavian


Eggplant, Black Beauty


Australian Hulless Popcorn

## SWEET CORN

Culture. One-half pound for 100 feet; 15 lbs. per acre. If planted in rows, have the
rows 3 to 4 feet apart, drooping the seed 1 to rows 3 to 4 feet apart, drooping the seed 1 to $1 / 2$ feet aport. A bushel weighs 50 lbs.
 prepal.

## YELLOW VARIETIES

Bantam Evergreen (Golden Evergreen). (70 days.) The result of a cross between Golden Bantam and Stowell's Evergreen, with the good qualities of both; sweet and colorful as Golden Bantam, with an ear as large as Son's Wonder Bat grained.
arden's Wonder Bantam. ( 60 days.) Richly
colored, plump juicy and distinctively colored, plump, juicy and distinctively flavored, producing higher up on 6-foot arly Golden Sweet. Claimed
arly Golden Sweet. Claimed to be the very earliest golden corn, with medium large ears of highest quality. Averages 12 rows
to the ear, on stalks $31 / 2$ feet tall. to the ear, on stalks $31 / 2$ feet tall.

## Sweet Corn, Golden Cross



Golden Bantam. ( 60 days.) The most popular sweet Corn ever used. "Golden Bontam" is a household word. Matures with the earliest and by making 1 planting every 2 weeks may be had from early summer until frost. Kernels are a rich golden yellow, tender with flavor rich and pleasing. Ears 8with $\begin{aligned} & \text { flavor rich and } \\ & \text { row } 7 \text { inches long. }\end{aligned}$
Golden Cross. ( 75 days.) Stalks $51 / 2$ to 6 feet high; ear length 7 to 8 inches; rows 10 to 12. The golden grains are of medium length, and uniform. An excellent hybrid of fixed character; of choice quality and high yield; noted for immunity to Stewart's Wilt
Diseose. Pkt 10
 5 lbs., \$2.00; 10 lbs., $\$ 3.75$.
Golden Sunshine. ( 50 days.) Blue skies and sunshine have created earliness, beauty, and the nectar-like sweetness of this golden corn. The ears are compact, about same size as Golden Bantam but having 10 to 12 rows of grains instead of eight. Very rapid
Whipple's Early Yellow. (55 days.) Double the bulk of Golden Bontam; large kernels of fine quality.

WHITE VARIETIES
Country Gentlemen. ( 75 days.) This is sometimes known as "Shoe-peg," from the small peglike kernels irregularly placed on the cob Medium sized ear, with small cob, giving great depth to the kernels. Quality distinc-
well's Evergreen. ( 80 days.) The old popular variety. Hardy and productive; tender and sugary.

## POPCORN

Winter nights before the hearth fire or around the kitchen range, are incomplete without the scent and cheery music of popping corn.

Postpaid


Postpaid
$\$ 0.10$
.20
.30
.50
1.90

Express or freight (not prepaid): $\mathbf{2 5}$ lbs. or more, 15 c per lb.

Australian Hulless or Japanese ("Tom Thumb* or Bumble Bee . Distinguished by an rowing hull or shell when popert chunky ears. The kernels are pearly white, unusually long and slim, of splendid popping quality and appealing flavor
Queen's Golden. Stalk 5 to 6 feet; 2 or 3 large ears each. Kernels rich yellow but pop out Dynamite or "TNT" A in diameter. fast and merrily distinctly emphot "pops" its traits. The tallest stalks 6 to 8 feet; al its traits. The tallest stalks, 6 to 8 feet; the more orange-colored ears, 9 inches or est, fluffiest popped kernels, creamy yellow in color with a delicious new flavar yellow

## EGGPLANT

Sow in March hotbed, transplant after frosts to rich soil, $21 / 2$ feet apart each way. Black Beauty. ( 140 days.) Broad and thick, rich purplish black.
Improved Large Purple. $(125$ days.) Fruit Pkt., 10 c ; $1 / 2 \mathrm{oz}$., 20c; 0 .

## ENDIVE

Sow in Aprii, June or July for succession; hin to 12 inches apart.
Broad-Leaved Batavian. (40 days.) Superior for market.
Green Curled. ( 45 days.) Deep-cut leaves; crowded at center. Salads. Both:
Pkt., 10c; oz., 15 c ; $1 / 4 \mathrm{lb} ., 35 \mathrm{c}$; lb., \$1.00. Deep Heart Fringed Endive. Bronze Medal 1938. Silver Medal, 1939. This variety is derived by patient hybridization and selection, until its character stands out supreme. with broader leaves, a much more uprioht growth and a deeper heart Ribs and heart unblemished white, the leaf ede deeply fringed. Pkt., 10c; $1 / 2$ oz., $15 \mathrm{c} ; 1 \mathrm{IEn} 25 \mathrm{c}$.

## HERBS

Home "Herb Gardens" for culinary and medicinal uses, for their pungent scents and attractive plant and flower effects, have beome smart gardening.
We offer the easiest grown and most useful types. Plants should be cut on a dry day just before bloom, and hung up to dry.
Basil, Sweet. Spicy sweet taste; a good addition to green salads, to dishes containing tomato or cheese, to fruit drinks, and in soups with other herbs. Leaves may be dried.

Pkt., 10c; oz., 40c.
Caraway. ( 60 days.) Leaves used for flavoring soups, etc. The second year the aromatic seeds are used to flavor bread, cookies, cake, etc.

Pkt., 10c; oz., 35c.
Chives. An onion type and flavor, the plant perfectly hardy and perennial. The finely chopped leaves are much favored in salads, soups and stews. The growing plant is quite ornamental. Pkt., 10c; $1 / 2$ oz., 40c. Dill. (70 days.) Leaf, stem and seed used; indispensable in dill' pickles.

Pkt., 10c; 02., 15 c.
Horehound. A poor-soil plant, grows compactly. The leaves and juice from the flowering tops provide that pnngent, bitter, efficient flovor found in cough syrups ánd "Horehound Candy."
Lavender. ( 60 days.) Perennial. Delicate, permeating fragrance; for scenting wardrobes and other clothes containers.

Pkt., 10c; 02., 60c.
Rosemary. Fragrance and pungent taste to season meats and soups.

Pkt., 10c; oz., 75c.
Sage. Perennial. The leaves and tender tops are used to season dressing and sauces. A medicinal tea is also made from the dried leaves. Pkt., 10c; oz., 50c.
Sweet Fennel. Eat the fresh tender stems raw (like celery) ; or break up into salads. Leaves may flavor soups and sauces; seeds give pleasant taste to candy, and medicine.

Pkt., 10c; ox., 30c.
Sweet Marioram. ( 70 days.) Used as a relish in soups, broths and dressings. Perennial.

Pkt., 10c; oz., 75c.
Broad-Leaved Thyme. ( 70 days.) An aromatic perennial about 12 inches high; quite ornamental, with tiny lilac flowers. The leaves are used for flavoring soups, gravies, stews, sauces and dressings; and in tea for head-
Cress, Extra Curled (Pepper Grass) Sow thick
in shallow drills at intervals during summer. Refreshing.

Pkt., 10c; 0z., 15c; 1/4 lb., 40c.


## CUCUMBER

Pkt., 10 c ; Oz., 15 c ; $1 / 4 \mathrm{lb} ., 35 \mathrm{c}$; lb., $\$ 1.00$; Pkt., lbs., $\$ 4.00$.
Boston Pickling. ( 50 days.) Fruits are short, thick, smooth, bright green; prolific and popular for pickles.
Clark's Special. ( 65 days.) Fruits weigh $21 / 4$ pounds; very dark green, tapering slightly at both ends, about 10 inches long. Keeps edible.
Davis Perfect. ( 50 days.) Almost seedless; 9-1 1 inches long, by $21 / 2$ inches thick, tapering both ends. A great forcer and prolific bearer.
Early Fortune. ( 52 days.) Good type for both slicing and pickling. A very heavy producer; about 8 inches long, dark green color.
Gherkins. Small and spiny, used for $11 / 2$ to 2 inch, tasty pickles. Has a clambering vine like melons.
Improved Chicago Pickling. ( 68 days.) Very popular for marketing; medium size, pointed, with prominent spines.
Improved Long Green. ( 65 days.) 12 inches long, tapering on stem end. Firm and crisp; excelient.
Improved White Spine. ( 65 days.) Very productive, 7 to 8 inches long, slim, crisp, ten-
denarc or Hein
Monarch or Heinz's Pickle. ( 55 days.) Short, straight, square-ended. Very popular for pational
National Pickling. ( 50 days.) Straight and blunt, but not chunky. Packs without wasting space. Very desirable for small pickles. Straight Eight. ( 65 days.) A Gold Medal Winner. Cylindrical fruit 8 inches long by $11 / 2$ inches thick, well rounded ends; deep green.
Staygreen. ( 55 days.) A heavy yielder of uniform fruits; solid dark green; 7 to 8 inches
The New Longfellow. ( 65 days.) 12 to 14 inches long by $21 / 2$ inches thick. Unfading deep green color

## LEEK

An onion relative used in soups, stews or boiled whole, creamed.
American Flag. (70 days.) The neck grows 10 American Flag. ( Will bleach white if transby 2 inches.

Pkt., 10c; 0z., 30c; 1/4 lb., \$1.00.

## LETTUCE

Pkt., 10c; oz., $15 \mathrm{c} ; 1 / 4 \mathrm{lb} ., 35 \mathrm{c}$; lb. $\$ 1.00$. Big Boston. ( 50 days.) Firm, well-folded head buttery yellow heart
Black-Seeded Simpson. ( 40 days.) Crisp, broad, light green.
Denver Market. ( 45 days.) The crisp leaves curled and crimped.
Early Curled Simpson. (40 days.) Compact;
Early Prize Head. ( 50 days.) Tinged with brownish red.
Grand Rapids. (38 days.) Most popular looseleaved variety; broad, curly and heovily fringed.
Iceberg. ( 55 days.) Superb quality, the white heart crisp and delicious. Heads solid, me-
Improved Hanson. ( 45 days.) Heads large, green outside, white within.
New York. ( 55 days.) Heads 15
wayahead. ( 42 days.) 'sure header. crisp
Wayahead. tiahtly folded, interior yellow.
White Self-Closing Cos. ${ }^{\text {the }} 55^{\circ}$ days.) Light
Green, center blanching white.
Chicken Lettuce. ( 45 days.) Grown as a greens for chickens or rabbits.

KALE
Hardiest and best of the "greens" belonging o cabboge family.
Dwarf Green Curled. ( 55 days.)
Pkt., 10c; oz., $15 \mathrm{c} ; 1 / 4 \mathrm{lb} ., 35 \mathrm{c}$; lb., $\$ 1.00$. Kohl-Rabi. Turnip-rooted cabbage, the edible part being the swollen, fleshy bulb low on the stalk. Eat when 2 inches thick.
Early White Vienna ( 50 days.)
Purple Vienna. ( 70 days.) Both
Pkt., 10c; oz., 15 c ; $1 / 4 \mathrm{lb} ., 55 \mathrm{c}$; $\mathrm{lb} ., \$ 1.90$.

## MELONS <br> MUSKMELON

Pkł., 10c; oz., 15 c ; $1 / 4 \mathrm{lb} ., 35 \mathrm{c}$; lb., $\$ 1.00$. Bender's Surprise. ( 80 days.) Oval, netted. Early Hackensack. ( 60 days.) Extra large deeply netted, flesh light green.
Hale's Best. ( 68 days.) Elongated, netted.
Hearts of Gold. ( 70 days.) Ribbed, netted.
Honey Rock. ( 80 days.) Large, round, not ribbed, gray netted over gold. Delightful Lake Champlain. (70 days.) Medium size slightly ribbed, heavily netted. Rocky Ford. ( 70 days.) Medium oval; no ribs; Rocky Ford. (70 days.)
Tip Top. ( 80 days.) Large, round, luscious.

## WATERMELON

Pkt., 10c; oz., 15 c ; $1 / 4 \mathrm{lb} ., 25 \mathrm{c}$; lb., 75 c . Fordhook Early. ( 60 days.) Large, fine flavor. Harris' Earliest. (60 days.) Oval.
mproved Kleckley's Sweet. ( 85 days.)
Stone Mountain. ( 65 days.) Large, dark green Tom Watson. (90 days.) Long, cylindrical; fine good shipper.
Winter Watermelon. (80 days.) Medium size, round, sweet as honey. Bring in before frosts and store in cellar.

## OKRA

White Velvet. ( 50 days.) Delicious in soups. Soak seed before planting. Gather pods when young and tender

Pkt., 10c; oz., $15 \mathrm{c} ; 1 / 4 \mathrm{lb} ., 25 \mathrm{c}$. ONION SEED
Culture. Most suitable soil is strong, rich loam, black sandy loam, or deep drained muck. Prepare and fit the soil thoroughly before the early spring sowing, having first plowed under a heavy dressing of well-rotted manure. One ounce will drill 100 feet; four or five pounds to the acre. Prices
Pkt., 10c; ox., 50c; $1 / 4 \mathrm{lb} ., \$ 1.75$; lb., $\$ 5.75$. Mammoth silver King. ( 80 days.) Flat but Mammoth siver King.
Mountain Danvers. ( 90 days.) The best keeping onion of all. Slightly flattened globe hard and solid, dark yellow color.
Ohio Yellow Globe. (110 days.) One of the most dependable commercial varieties grown. True globe shape, no neck, solid, very popular.
Prizetaker. 1110 days.) Very large, globular, skin straw-yellow; flesh white, tender, mild and sweet.
Southport Red Globe. ( 110 days.) Large, deep red, inside white tinged pink.
Southport White Globe. (120 days.) Medium white skin; flesh snowy white.
Southport Yellow Globe. (110 days.) Heavy cropper; a favorite for winter market.
White Portugal or Silverskin. ( 95 days.) Small flat, silver skinned pickler.
White sweet Spanish. (100 days.) Largest white onion, globular, pure white, flesh firm and mild.
Yellow Sweet Spanish. ( 100 days.) Golden skin and white inside. Sweet flavor. Extremely mild.

## PARSLEY

Sow in rich mellow soil; soak the seed 12 hours before sowing, in early spring as they germinate slowly.

Pkt., 10c; oz., 15 c ; $1 / 4 \mathrm{lb} ., 60 \mathrm{c}$; Ib., $\$ 1.00$ Evergreen Parsley. Honorable mention, 1939 This new selection from Double Curled throws very few single plants; with very dark green, dense, deeply cut foliage superior to Moss Curled. The strain is uniform, a rapid and vigorous grower, resistant to frost. Pkt., 10c; 1/2 oz., 15c; oz., 25 c Hamburg Rooted. (100 days.) Use like parsnips; or the edible white-fleshed roots for soup flavoring.
Paramount. (New.) Plants 12 inches tall spreading 20 inches. Dark green triple curled leaves.

## PARSNIP

Hollow Crown or Long Smooth. ( 85 days.)

## PUMPKINS

Culture. Plant in good warm soil, in hills 8 to 10 feet apart each way

Pkt., 10c; oz., 15c; 1/45 lb., 30c; lb., 80c. Green Striped Cushow. (75 days.) A long crooked neck, its end enclosing a very rivaling finest sweet potatoes for baking; or sliced and fried like eggplant, when young: or as a pie' sort
King of Mammoths. ( 90 days.) Largest of all the Pumpkins, often reaching 24 inches in diameter, weighing 100 or more pounds. Makes nutritious stock feed, yet the quality is excellent for pies.
Large Yellow Connecticut Field. ( 90 days.) Average 15 to 20 inches diameter; smooth hard, reddish orange, flesh deep orange.
Small Sugar Pie. ( 65 days.) Prolific, small size skin deep orange-yellow; fine grained weet. of a handy 2-pie size, ideal for ready marketing.

Early Fortune Cucumbers



## EXTRA EARLY PEAS

The earliest varieties may be sown as soon as ground can be worked, usually early in March.
Alaska. (Earliest of All.) (45 days.) Pods of perfect shape, well filled with smooth peas of unrivaled quality; not very large but the vines are prodigious croppers. Height $21 / 2$ feet.
Blue Bantam. ( 55 days.) The dwarf, vigorous vines average 15 inches in height and carry enormous crops of large deep bluish green pods. These measure 4 to $41 / 2$ inches long and are tightly packed with 8 to 10 extra large luscious peas. A great favorite with everybody. Need no brush.
Hundredfold. ( 50 days.) Bountiful crops of broad, 4 -inch pods which hold usually 8 large, dark green peas of wonderfully rich flavor. The vines are sturdy and heatresisting, averaging 16 inches.
Laxton's Progress. ( 46 days.) The earliest large-podded dwarf pea, an improvement of Laxtonian and 4 days earlier. Pods are 4 inches long, broad and pointed, deep green in color, containing 8 large deep green peas, which are of the most delicious flavor; seed wrinkled.
Little Marvel. ( 53 days.) Popular with market gardeners because of its extreme earliness and productiveness. The large, plump, dark green pods pack 7 to 8 squarish peas of choice quality. Very dwarf; seed wrinkled.
Nott's Excelsior. ( 60 days.) This excellent dwarf early pea is robust and vigorous and produces in profusion handsome pods, closely packed with large peas of fine flavor: seed wrinkled.
Thomas Laxton. ( 50 days.) One of the largest podded of the dwarf peas. Matures with the earliest; of delicious flavor
World's Record. (Improved Gradus.) ( 55 days.) One of the earliest wrinkled peas, very hardy. The vine grows about $21 / 2$ feet high Four-inch pods, broad pointed, bearing 7 to 9 large luscious peas.

MEDIUM EARLY PEAS
Dwarf Telephone or Daisy. 165 days.) Of dwarf, stocky habit, healthy vigorous handsome pods and peas of highest quality

## LATE OR MAIN CROP PEAS

These late kinds may as well be planted ith the earlies.
Champion of England. (75 days.) One of the richest and best flavored peas grown. Heigtt 3 to 4 feet, seed wrinkled, whitish green and much shriveled.

## IMPROVED STRATAGEM

Potlatch. ( 70 days.) One of the very best dwarf peas; quality unsurpassed. Vines 18 to 20 inches. Loaded with pods and immense dark green peas; seed wrinkled.
Telephone. ( 70 days.) Height 3-4 ft. One of the finest tall marrows, vines strong, pro ducing abundantly. The pods are of large size and filled with very large delicious peas. seed wrinkled.

Peas, World's Record


Bull Nose
California Wonder
Chinese Gian Grris Early Giant ungarian Yellow ong Red
Cayenne Cayenne
Puby
Ruby King
unnybrook
Windsor " $A$ "
World Beate
World Beate World Beater. (100 days.) A large, new 2.75 maly, valuable for market gardens and Ruby King a cross between Chinese Giant and productive. Fruits 4-lobed, smooth; glossy green changing to bright red. Flesh thick, mild and very sweet
Bull Nose. A standard early sweet variety Plants very prolific. Fruit 3 to $31 / 2$ inches long by 3 inches thick, with almost square ands. Flesh thick and sweet with mildly pungent ribs. Color deep green when young, right crimson when ripe
Chinese Giant. (130 days.) Largest of the Peppers; chunky, very thick and meoty, 4 to 5 inches across at the base and equatly as long, divided into 4 sections. Fine for tuffing and for salads
Harris Early Giant. ( 100 days.) Four inches high and three inches through; deep green to brilliant red; sweet.

California Wonder. Notable for its supreme thickness of flesh, three-eighths of an inch being normal. The fruits are blocky or square-shoped, slightly broader at stem end. Full grown fruits have a breadth of 4 inches and a length of $41 / 2$ inches, often weighing a full pound. These sit up securely on a platter, making them ideal to stuff or bake, and pack closely for shipping. Smooth, dark green, ripen bright crimson. Of the finest quality, sweet, crisp and tender, entirely free from pungency.
Hungarian Yellow. (120 days.) A useful, tasty semi-hot Pepper of great sectional popularity; thick fleshed, $21 / 2$ to $41 / 2$ inches, the glossy skin a light pearl, maturing canary yellow.
Long Red Cayenne. ( 125 days.) The favorite 'hot" Pepper. A long, slim pod, rather pointed, bright red when ripe.
Pimiento. (120 days.) One of the sweetest and best known Peppers; variously useful.
Ruby King. (130 days.) A large variety, rubyred when ripe; pungent but mitd.
Sunnybrook. (llo days.) Almost in a class by itself. The smooth, glossy fruits are tomatoshaped, 3 inches wide by 2 inches deep uniform scarlet-red; the flesh thick, sweet, and tender. Plants 18 to 24 inches high, enormously productive.
Windsor "A." An All-America Selection for 1937. This is a sweet Pepper shaped like Ruby King, with a thick wall like California Wonder, smooth, mostly 3 -lobed, light green. Yields tremendously; so early it is valuable for short-season localities.

## SALSIFY—VEGETABLE OYSTER

Culture. Sow early in spring in drills 1 foot apart and 1 inch deep, thinning the young plants to 4 inches. The roots will be ready for
use in October, when a supply should be taken use in October. when a supply should be taken up and stored in moist sand in a cool room,
the balance left in the' ground until spring. the balance left in the
One ounce to 100 feet.
Mammoth Sandwich Island. (95 days.) White tender, and of rich oyster" flavor; boiled fried or in soup.
Pkt., 10c; oz., 20c; $1 / 4 \mathrm{lb} ., 60 \mathrm{c}$; lb., $\$ 1.50$.


## RADISHES

Price: All varieties (except Comet)
Pkt., 10c; oz., 15 c ; $1 / 4 \mathrm{lb} ., 35 \mathrm{c}$; Ib., $\$ 1.00$; 5 lbs., 90c per lb.
Brightest Long Scarlet or Cardinal. (25 days.) Earliest of the long reds; roots $4-41 / 2$ inch: vivid scarlet, white tip.
Comet. ( 25 days.) All-America Award, 1935. A perfect ball-shape, with very small tap roots. Bright scarlet, solid and edible at a larger matured size than most kinds.

Pkt., 10 c ; 0z., 15 c ; 1/4 lb., 45 c ; Ib., \$1.25.
Crimson Giant. ( 35 days.) Larger than other round reds.
Early Round Scarlet. ( 25 days.)
Early Long Scarlet. ( 28 days.)
Improved Early Scarlet Globe. (20 days.) Best for forcing and market gardening. Large, roundish oval; brilliant red; flesh white, solid, juicy crisp and mild. That first wetcome red Radish the hucksters bring to your door.

## TOBACCO

Sow the seed thinly in well prepared soil; do not cover, merely press them in with a light roller or smooth board

Pkt., 10c; $1 / 4$ oz., 20c; $1 / 2$ oz., 35 c.
Connecticut Seed Leaf. A popular cigar variety; also largely used for pipe smoking in north. ern states.
Improved White Burley. The wide-leaved Kentucky favorite.
Havana. An early, large-leaved, Americanized Havana.


Radishes, Improved Early Scarlet Globe

French Breakfast. ( 25 days.) A splendid halflong variety of medium size, crisp and tender, scarlet with white tip. Best texture when small.
Glowing Ball. ( 25 days.) Gold Medal. Scarlet with small tap root.
Hailstone. The quickest maturing White Radish on record. Ready for the table in 15 to 25 days. Perfectly round, an inch in diameter with snowy white skin and flesh. Crisp and solid.
cicle. ( 25 days.) Attains best quality at about 4 inches, although crisp and sprightly longer than any other Radish. Delightful juicy flavor. Its transparent whiteness is attractive on the dish with reds.
Round White Tip Scarlet. (21 days.) Medium size; excellent.
Winter Radish. Sow seed in July-August. Can eat in fall, or store for winter use.
Round Black Spanish. ( 72 days.)

## SPINACH

Culture. Select rich, well drained, limetreated soil; the first sowing early in spring and at intervals of 2 or 3 weeks, in drills 1 foot apart. Begin thinning out when the leaves are an inch wide. Sow in August and September spring use, with winter protection
Bloomsdale Long-Standing Savoy. (42 days.) Compact, intensely dark green, heat resistant; lasts longer than most.
Giant Nobel. (45 days.) Large, smooth, deep green leaves, arrow-shaped with round tip. Popular with canners as well as for home use.
King of Denmark. ( 45 days.) Leaves very thick, dark green, curled or blistered, in low, compact tufts; early, yet remaining long before running to seed.

Princess Juliana. (New.) Has thick crimpled leaves. Stands better than most varieties and long retains its crispness.
New Zealand. ( 55 days.) Not a true Spinach but very similar-a stalwart, hard-working country cousin. The leaves are comparatively smaller, but clustered in delicious, tender tufts which may be plucked day after doy all summer long. Unlike the others, the plants thrive during the hot weather, spread widely, are happy in any garden soil, frequently renewing itself early next spring Sow 2 seeds to hills 2 feet apart each way



Culture. Sow in hotbeds during March. When the plants have 4 leaves, transplant 4 to 5 inches apart, in shallow boxes, and give plenty of air. Price: All Tomatoe's (except noted) Pkt., 10c; $1 / 2$ oz., 25 c ; oz., 40c; $1 / 4 \mathrm{lb} ., \$ 1.25$; lb., $\$ 3.50$.

## YELLOW SKIN TOMATOES

Golden Queen. ( 80 days.) Large, yellow fruit; very sweet.
Mingold Tomato. ( 90 days.) The earliest yel-low-seasonable with Bonny Best; the largest yellow-shape and size like Marglobe.
lathes Yellow Ponderosa. (110 days.) Identical with Ponderosa in quality and size but produces golden yellow fruits.
Yellow Pear. ( 95 days.) Small size, pearshaped fruits; a clear yellow. Very sweet and free from acid.

## PINK SKIN TOMATOES

Acme. ( 100 days.) Medium sized, irregular fruits in clusters.
Cleveland Market. LIVINGSTON'S BEAUTY A satisfactory mid-season market type. Fruits ripen evenly, seldom crack.
Glovel. ( 90 days.) Vigorous vine, abundant and continuous fruit-setting habit, long bearing period, and resistance to fusarium wilt and nail-head rust. Large, thick-walled, firm, globular, free from cracks; of sweet flavor, mildly sub-acid. Pkt., 10c; $1 / 2$ oz. 25c; ox., 45c; 1/4 lb., \$1.50.
June Pink. ( 85 days.) Pink counterpart of Eorliana.
Livingston's Globe. ( 95 days.) Large, globe shape, always smooth, firm fleshed. With few seeds and ripens evenly. The color is a fine glossy rose, tinged with purple.
Oxheart. ( 120 days.) Like a big ox-heart; of best quality, smooth, pink skin, few seeds, with broken cell structure, and much solid flesh. Pkt., 10c; $1 / 2$ oz., 30c; oz., 55c; 1/4 Jb., \$1.75.

Ponderosa. (110 days.) Known and planted by gardeners; immense fruit; very solid, with few seeds.
Truckers' Foyorite, ( 100 days,) Flattened, smooth-skinned fruits $31 / 2$ by 4 inches thick. Meaty, very solid, excellent quality. thick. MED SKIN TOMATOES
Bonny Best. ( 88 days.) Large, smooth, thick, small core.
Break o' Day, ( 90 days.) Round and smooth as an apple, deep orange-red; flesh deep red, very solid, with thick walls
Earliana. ( 85 days.) Large size, uniform shape; solid.
Greater Beltimore. ( 83 days.) Very productive. Similar to Stone, globular, scarle fruit, smooth and firm, about 6 ozs.
John Baer. ( 85 days.) 'Good uniform size, semi-globular, free from core, scarlet-red. Ripens evenly; never bursts.
Marglobe. ( 95 days.) The best general purpose kind, a grand shipper, definitely resistant to wilt and rust. Smooth, globular meaty, almost coreless.
Rutgers Red. ( 95 days.) A great cropper outstanding for large size and solid structure. Brilliant dark red color unscarred by sun-scald.
Pritchard. "SCARLET TOPPER." ( 85 days.) Self-topping, disease-resistant, heavily productive. Fruits large, smooth, globular, ductive, rruts arge, smooth, solith thick wails and cross sections.
Stone. ( 110 davs.) An old tried and true variety; perfectly smooth, very large, bright red, ripens evenly, free from rot even in wet weather
Wayahead. ( 85 days.). Handsome, smooth solid red fruits like Earliana. A vigorous, heavy cropper.


Spinach, Giant Nobel

## SQUASH

Pkt., 10c; oz., 15 c; 1/4 lb., 35c; lb., $\$ 1.00$. SUMMER VARIETIES
1 oz. to 25 hills. Hills 4 feet apart. Sow in
Fordhook Bush. ( 60 days.) 8 to 10 inches long, cream color outside, strawy yellow
Early Prolific Straightneek. (All-America Award for '37.) Bushy plants, thus conserving much valuable garden space. A prolific bearer, its straight, smooth, pale creamcolored fruits may be used when only 5 inches long; or safely deferred to the maturity of 14 inches, without loss.
Giant Summer Crookneck. ( 65 days.) Bright yellow.
Mammoth Yellow Bush. ( 55 days.) An early yellow bush scallop, quite prolific; average size 14 by 4 inches.
Mammoth White Bush. $(50$ days.) Fruits round, white, deeply scalloped, lobes being in pairs; tender and delicious.
Zucchini. $(60$ days.) A new sort of the popular Italian Marrow group; fruits nearly cylindrical, straight, medium green with pale green stripes and cream-gray mottling. Plants are bush type; fruits weigh 3 to 4 pounds; flesh firm

## WINTER VARIETIES

1 oz, to 10 hills. Hills $8-10$ feet apart. Sow seed in late June.
Delicious. (75 days.) Medium size, dark green, with very thick greenish flesh which cooks dry, of superior flavor.
Table Queen or Acorn. 180 days. $) 7$ by 5 inches. Smooth, dark green with a red blotch at the pointed end; choice quality. Cut in two, bake and serve in the half-shell,
Golden Table Queen. Like the green Acorn, except its outer color is an attractive golden orange
Hubbard. (llo days.) Skin deep olive-green flesh orange-yellow. Sweet, keeps through or bakes dry
Blue Hubbard. Resembling the warted Hub. bard, but excels it in flavor and dryness.
Golden Hubbard -grey.
Golden Hubbard. ( 110 days.) Deep orange, tipped green of each end; flesh golden
Warted Hubbard. The heavily warted, dark green surface insures a harder shell, and consequent longer keeping.

## TURNIPS

Price, All Turnips, by mail, postpaid, Pkt., 10c; oz., 15 c ; $1 / 4 \mathrm{lb} ., 25 \mathrm{c}$; $\mathrm{Ib} ., 65 \mathrm{c}$; 5 lbs . at 55 c ; 10 lbs . at 50 c . Purple Top White Globe. ( 60 days.) The most popular Turnip grown either for table or stock; an excellent keeper
Orange Jelly or Golden Ball. ( 65 days.) A distinct, round yellow variety; one of the finest for family use. Flesh yellow, fine grained, sweet and tender; ideal for winter

Improved Purple Top Yellow Rutabaga. (90 days. 1 Hardy and productive; flesh color, sweet, and well flavored; shape slightly oblong, terminating abruptly; color purple above and yellow under the ground; rich flavor.


Browallia speciosa major

## ABUTILON-FLOWERING MAPLE

Abutilon savitzi. Foliage sharply variegated green and white
$21 / 4$ in., Each 25 c; Three 70c; Doz. $\$ 2.50$

## VARIEGATED FLOWERING MAPLE

Thompsoni. Flowers of orange-salmon-pink, foliage blotched with yellow; a charming combination for pot plants
$21 / 4$ in., Each 25 c; Three 70c; Doz. $\$ 2.50$

## ACHYRANTHES

Herbsti (Iresine herbsti). BLOODLEAF. Transparent leaves of rosy carmine.
McNally (Iresine herbsti). Red stemmed; bright green with yellow veins
Both kinds: $21 / 4$ in.,
Each 15c; Three 40c; Doz. \$1.50; 100, $\$ 8.00$

## AGERATUM

Cardinal Mundelein. Beautiful clusters of blue purple; an intermediate shade. $21 / 4$ in.
Each 15c; Three 40c; Doz. \$1.50; 100, \$8.00
Irwin's Beauty. Richest royal purple, extravagant, large bloom; plants compactly mourrer. $21 / 4$ in
Each 15c; Three 40c; Doz. \$1.50; 100, \$8.00
Riverside. Dwarf. Compact grower, free-blooming. Large, full flowers, deep purplish blue
Each 15c; Three 40c; Doz. \$1.50; 100, \$8.00


Fuchsia, Black Prince

## ALOE

True Tiger Variegata. A vastly superior strain of variegated Aloe, one of the finest and most favored of succulent plants. The broad pointed, thickly tubular leaves are dark green, emphatically spotted or "tigered" with white. $21 / 4$ in
Each 35c; Three 85c; Doz. $\$ 3.00$; 100, $\$ 20.00$

## ALTERNANTHERA

Brilliantissima (Telanthera brilliantissima). Border plant, fine shade of red. $21 / 4 \mathrm{in}$. Each 15c; Three 40c; Doz. $\$ 1.50 ; 100, \$ 8.00$ Aurea (Telanthera aurea). Dwarf border plant; light yellow. $21 / 4$ in
Each 15 c ; Three 40 c ; Doz. $\$ 1.50$; 100, $\$ 8.00$

## ANTHERICUM MANDAIANUM-

## SPIDER PLANT

Narrow, long leaves, white banded by green. 21/4 in
Each 20c; Three 55c; Doz. \$1.80; 100, \$10.00

## BEGONIA

Carmen White. White flowers, bronze foliage. $21 / 4$ in.
Each 20c; Three 55c; Doz. \$1.80; 100, \$10.00 Darling. Bright clear rose. Fine for pots or bedding. $21 / 4$ in
Each 20c; Three 55c; Doz. $\$ 1.80 ; 100, \$ 12.00$ Gracilis Carmen. Soft pink, with primrose eye set in carmine; against a rich foil of dark bronze leoves. $21 / 4$ in.
Each 20c; Three 55c; Doz. \$1.80; 100, \$12.00
Gracilis luminosa. Deep dark scarlet foliage; reddish brown 10 inches $21 / 4 \mathrm{in}$
Each 20c; Three 55c; Doz. \$1.80; 100, \$10.00
Indian Maid. 10 inches. Bright 'deep scarlet buds and flowers with deep lustrous bronze oliage. $21 / 4$ in.
Each 20c; Three 55c; Doz. \$1.80; 100, \$12.00
Gracilis White. Large glossy foliage, fine white flowers. 21/4 in.
Each 20c; Three 55c; Doz. \$1.80; 100, \$10.00 King of Red. (New.) Glowing red flowers, green foliage, and a vigorous habit of growth make this a valuable variety for pots or border work. $21 / 4 \mathrm{in}$.
Each 20c; Three 55c; Doz. $\$ 1.80$; 100, $\$ 10.00$ sex Mixed. The broad leaves, high colorings and exquisite markings of Rex Begonias make them invaluable for decorative house plants when given plenty of moisture and not exposed to the full rays of the sun. 21/4 in. Rose Pearl. (New.) Bright rose-pink flowers Distinctive for unusually restricted habit; Distinctive for unusu
Each 20c; Three 55c; Doz. \$1.80; 100, \$10.00
Tausendschon. Dwarf, branching, everblooming; the abundant bloom a clear rose-pink.

Each 20c; Three 55c; Doz. \$1.80; 100, \$10.00 Westport Beauty. Luscious little watermelonpink flowers, densely double, in clusters, like the dainty Polyantha Roses. Compact pot plants with light green rounded leaves. 1 in., Each 50c; Three \$1.35.
$21 / 4$ in., Each 25 c ; Three 65 c ; Doz. $\$ 2.00$

## BELOPERONE

Guttata. SHRIMP PLANT. A heavy wooded branching pot-plant up to 2 or more feet, with dark green leaves; almost continuously displaying its uniquely beautiful flowers. These are two-lipped tubes, white with purple spots, surrounded by $3 / 4$-inch, heartshaped bracts which lie flat and overlapping like scales along four sides of a 3 - to 5 -inch drooping spike. They are very showy, sal-mon-red and old rose, with brightly contrasting extremity of primrose-yellow. $21 / 4$ in., Each 35c; Three 85 c ; Doz. $\$ 3.00$

## HOUSE PLANTS

BEDDING PLANTS

## TENDER FERNS and VINES

## COLEUS

Beckwith's Gem. Large leaves, medium height colored maroon, yellow and green. 21/4 in. Each 15c; Three 40c; Doz. \$1.50; 100, \$8.00
Big Tim. Medium sized, refined leaves, with dappled green scallops and prominent base of golden russet which merges into a dust, and final solid overlay of wine-red and maroon. $21 / 4$ in.
Each 15c; Three 40c; Doz. \$1.50; 100, \$8.00 Carolina. Bronzed brown-maroon, the central vein a flare of crimson with violet lines.
ach 15
Each 15c; Three 40c; Doz. \$1.50; 100, \$8.00 Cecil Brown. Trailing. Fine for basket, box and vase work. Dark green with curving lines, the centers gay with magenta and cream. $21 / 4 \mathrm{in}$.
Each 15c; Three 40c; Doz. $\$ 1.50$; 100, $\$ 8.00$
Eddie George. The biggest leaves are 4 to 6 inches, with a beaded gold edge; solid velvety bronze-red-brown. $21 / 4 \mathrm{in}$.
Each 15c; Three 40c; Doz. $\$ 1.50$; 100, $\$ 8.00$ Firebrand. The darkest in fiery effect. $21 / 4 \mathrm{in}$. Each 15c; Three 40c; Doz. \$1.50; 100, \$8.00
Glory of Autumn. Vivid autumnal colorings $21 / 4$ in.
Each 15c; Three 40c; Doz. \$1.50; 100, \$8.00
Goblin's Torch. A jagged flame in vivid translucent magenta-red imposed on black-maroon; within a stippled bronze-green border $21 / 4$ in.
Each 15c; Three 40c; Doz. $\$ 1.50$; 100, $\$ 8.00$ Golden Crown. Bright yellow. $21 / 4 \mathrm{in}$.

Each 15c; Three 40c; Doz. $\$ 1.50$; 100, $\$ 8.00$
Hollywood. Clustered, smali, crinkled leaves defined by yellowish green scallops; a threaded tapestry in red and moldy bronze, carmine and madder-rose. $21 / 4 \mathrm{in}$.
Each 15c; Three 40c; Doz. \$1.50; Doz. $\$ 8.00$ Marion. Large leaves finely fringed and fluted; their varying stages showing everything from bright green, peppered red and maroon with cream-white veins, to a dominant maroon with carmine feathering and up-curled greenish fringe. $21 / 4$ in
Each 15c; Three 40c; Doz. \$1.50; $100 \$ 8.00$
Pres. Harding. Fresh green, changing to bronze the center a flaming jagged halberd in garnet. $21 / 4$ in.
Each 15c; Three 40c; Doz. \$1.50; 100, \$8.00
Princess. Broad velvety leaves of purplish redbrown, with green edge and magenta midrib. 2' $1 / 4$ in
Each 15 c ; Three 40c; Doz. $\$ 1.50 ; 100, \$ 8.00$ Verschaffelti. Rich velvety crimson. 21/4 in. Each 15c; Three 40c; Doz. $\$ 1.50$; 100, $\$ 8.00$

## BROWALLIA

Specioso major. BLUE GIANT. All year supply of solitary dark blue, star-like flowers. $21 / 4$ in., Each 20c; Three 55 c ; Doz. $\$ 1.80$
Grandiflora alba. WHITE BROWALLIA. Large
$21 / 4$ in., Each 20c; Three 55c; 100, $\$ 10.00$
BRYOPHYLLUM
Houghtoni. AIR PLANT. Oval, fleshy leaves 5 inches long, edge coarsely toothed.
$21 / 4$ in., Each 30c; Three 75c; Doz. $\$ 2.50$

Begonia, Darling



Aloe, True Tiger

## TUBEROUS-ROOTED BEGONIA PLANTS

We can supply potted plants in the following colors: Red, Pink, White and Yellow.
Each 30c; Three 75c Doz. $\$ 2.50$, by express.

## Jreenhouses

> 21/4-in. Pots by Each, Three and Doz Postpaid. Larger quantities and all larger sizes by Express Collect

## CRASSULA

Arborescens. JADE PLANT. The fine old "Jade Plant"; leaves rounded, thick and rubbery murky bronze-green
21/4 in., Each 20c; Three 55c; Doz. \$1.80.

## CUPHEA

Tricolor. CIGAR PLANT or FIERY CUPHEA (platycentra). Useful in basket and window oox by showing innumerable little flametipped red "cigars" on small leaved plants.
$21 / 4$ in., Each 15c; Three 40c; Doz. $\$ 1.50$

## DRACAENA

Indivisa. Numerous slender, grass-like but rigid green leaves, the favorite center plant for box, vase and basket planting.
$21 / 4$ in., Each 20c; Three 55c; Doz. $\$ 1.80$ 3 in., Each 30c; Three 75c; Doz. \$2.50

## EUONYMUS

laponica albo-marginatus. SILVER LEAF. Round, thick rubber leaves, margined with silver. $21 / 4$ in., Each 30c; Three 75c; Doz. $\$ 2.50$ Japonica picta. Full length center stripe of $21 / 4$ in., Each 30c; Three 75 c ; Doz. $\$ 2.50$

## EXACUM

Affine. BUSY LIZZIE. A 2-foot summer garden plant; blooms all summer with round 21/4 in., Each 25c; Three 65c; Doz. $\$ 2.00$

## FICUS

Pumila. CLIMBING FIG. A fine close-leaved $21 / 4$ in., Each 30c; Three 75c; Doz. $\$ 2.50$

## FITTONIA

Verschaffelti argyroneura, Large round leaves of vivid green with a network of pure white $21 / 4$ in., Each 35c; Three 85c; Doz. $\$ 3.00$ Verschaffelti. Dark bronze-green lit up with netted veining of coral-pink.
$21 / 4$ in., Each 40c; Three $\$ 1.00$

## FUCHSIA

Black Prince. Well expanded single flowers; carmine lake color of corolla and calyx nearly alike.
21/4 in., Each 25c; Three 65c; Doz. $\$ 2.00$ Little Beauty. Dwarf single, seldom without flowers. Sepals carmine, corolla deep lilac. 21/4 in., Each 25c; Three 65c; Doz. \$2.00 Pride of Orion. Semi-double with long, narrow pointed carmine sepals; fluted corolla pure white, with pink stamens
21/4 in., Each 25c; Three 65c; Doz. $\$ 2.00$

## HEDERA HELIX

Hahn's Self Branching lvy. Very dense with small leaves. Best type for wall brackets. $21 / 4$ in., Each 25c; Three 65c; Doz. $\$ 2.00$ Large Leaf English Ivy. Foliage is rich, waxy green with prominent lighter veins, and is very attractive when trained against harmonious paper or woodwork; or later to decprate and veil summer porch boxes
21/4 in., Eoch 20c; Three 55c; Doz. $\$ 2.00$; 4 in., Each 50c; Three \$1.35; Doz. \$5.00 Merion Beauty lvy. One of the newer Ivies Better branches and smaller leaves; very artistic, making runners at every joint.
$\mathbf{2 1 / 4}$ in., Each 30c; Three $\mathbf{7 5 c}$; Doz. $\$ 2.50$ Mottled Ivy. Small leaf, mottled light green and cream

2 in., Each 30c; Three 75c; Dox. $\$ 2.50$


Boston Fern

## FERNS

Adiantum wrighti. IMPROVED MAIDENHAIR FERN.
21/4 in., Each 30c; Three 75c; Doz. \$2.50
Plumosus nanus. ASPARAGUS. Feathery foliage on thin hard stems in long emeral sprays. A rich setting for cut flowers.
$21 / 4$ in., Each 15 c ; Three 40 c ; Doz. $\$ 1.50$ Sprengeri. Mostly used in boxes and baskets; its long dense trails provide the best dark streamers of any vine.
21/4 in., Each 15c; Three 40c; Doz. $\$ 1.50$ Boston. Fully matured fronds attain a length of four to five feet.
$21 / 4$ in., Each 20c; Three 55c; Doz. $\$ 1.80$ 4 in., Each 50c; 5 in., Each 75c; Ein., Each Cyrtomium falcatum rochfordianum. CRESTED HOLLY FERN. Beautiful jagged leaves, dark and shiny. A popular heavy dish Fern.

2 $1 / 4 \mathrm{in} .$, Each 25c; Three 65c; Doz. $\$ 2.00$


Hotly Hern


Asparagus Fern
Sprengeri Fern
Polypodium aureum mandaianum. MANDA POLYPODY or CAT'S PAW. New, broad distinctly wavy leaves of dark green with a bluish overcast; crown, to overhang the pot light colored and furry like a cat's paw. $21 / 4$ in., Each 50c; 4 in., Each 80c; 5 in.

Pteris Fern. TABLE FERNS. Assorted varieties not labeled. Indispensable for fern dishes. n $1 / 4$ in., Each 20c; Three 55 c ; Doz. $\$ 1.80$; 100, \$10.00

## SELAGINELLA FERNS

Denticulata. CREEPING MOSS SELAGINELLA. Droops over the pot sides; a vivid green ball $21 / 4$ in., Each 20c; Three 55c; Doz. $\$ 1.80$ Emmiliana. Upright, mossy tufts.
$21 / 4$ in., Each 20c; Three 55c; Doz. $\$ 1.80$ Kraussiana browni. DWARF MOSS SELAGINELLA. A dwarf form of the Moss Fern. 21/4 in., Each 30c; Three 75c; Doz. \$2.50


Pteris Wimsetti Fern


A Bed of Mixed Coleus

## GERANIUM

Alphonse Ricard. Bright orange-red
$21 / 4$ in., Each 20c; Three 55 c ; Doz. $\$ 1.80$ Beauty Poitevine. Rosy salmon shaded deep $21 / 4$ in., Each 20c; Three 55c; Doz. $\$ 1.80$ irvington Beauty. Giant salmon, flushed pink

21/4 in., Each 20c; Three 55c; Doz. $\$ 1.80$
Jean Oberle. Exquisite hydrangé or "apple blossom" pink
21/4 in., Each 20c; Three 55c; Doz. \$1.80 Mme. Buchner. Best of the double pure 21/4 in., Each 20c; Three 55c; Doz. $\$ 1.80$ Mme. Landry. Semi-double; rich salmon shaded orange.
$21 / 4$ in., Each 20c; Three 55c; Doz. $\$ 1.80$ Rose Scented Leaved. Broad skeleton leaf type popular.
$21 / 4$ in., Each 20c; Three 55c; Doz. $\$ 1.80$ Ruby. Large trusses ón extra long stems; deep rosy scarlet; the upper margins pure scarlet Radio in., Each 20c; Three 55c; Doz. \$ilion displayed in thick clusters of large florets $21 / 4$ in., Each 20c; Three 55c; Doz. $\$ 1.80$
S. A. Nutt. Dependable for a constant blaze $21 / 4$ in., Each 20c; Three 55c; Doz. $\$ 1.80$ William Langguth. Variegated foliage green and white; beautiful contrasting crimson flowers.
$21 / 4$ in., Each 20c; Three 55c; Doz. $\$ 1.80$ HELXINE SOLEIROLI
Paddy's Wig or Baby's Tears. A charming little moss-like covering plant, useful for wall-bracket, shallow table-pot, or green$21 / 4$ in., Each

## HELIOTROPE CENTIFLEUR

Dwarf; florets wide and flat, deep heliotrope 21/4 in., Each 20c; Three 55c; Doz. $\$ 1.80$

## HIBISCUS ROSA-SINENSIS

Cooperi. CHINESE HIBISCUS. Shrubby upright growth with drooping irregular leaves varie $21 / 4$ in., Each 25c; Three 65c; Doz. $\$ 2.00$

## IMPATIENS

Sultani. SULTAN SNAPWEED. A dwarfer branching type of this popular old house and garden plant, now offered for the first time. The flowers are very much larger and more perfect, in more vivid colors.
S. \& H. Red. S. \& H. White
. H. P. Pink. S. \& H. Scarlet
21/4-inch pot plants,
Each 20c; Three 55c; Doz. $\$ 1.80$
Hedera helix-Large Leaf English Ivy


## MANETTIA BICOLOR

Firecracker Plant. Filled at all times with small tubular flowers of brilliant scarlet, with yellow tips. Desirable for baskets, vases or small trellises. 20c; Three 55c; Doz. $\$ 1.80$

## MARANTA LEUCONEURA

## KERCHOVEANA

Red Spot Maranta. Big round leaves spotted maroon. $21 / 4$ in., Each 40c; Three $\$ 1.00$

## MARGUERITE or PARIS DAISY

Boston Yellow. Single flowers, very free bloom21/4 in., Each 25c; Three 65c; Doz. \$2.00 Mother's Favorite. Semi-double; white, anem21/4 in., Each 20c; Three 55c; Doz. \$1.80 Mother's Pearl. Fully double; pure white. $\$ 1.80$ 2 $1 / 4$ in., Each 20c; Three 55c; Doz. $\$ 1.80$

## PELARGONIUM

Axalea. LADY WASHINGTON GERANIUM. One of the best in this branch of the Geranium family. Large, bold flowers; cerise and damask, with small dark blotch

2 1/4 in., Each 50c; Three \$1.40

## PEPEROMIA

Clusifolia. Thick, long, ovate leaves in dense whorls; a decorative plant of real class. The green varies in shades according to age, all sharply margined with chocolate-maroon.
Floridana (obtusifalia). Plentiful oval, convex leaves of large size; a smooth shiny surface 21/4 in. Each 30c; Three 75c; Doz. \$2.50 Variegated floridana. Mainly rich creamy white, with a jagged green flare through the center; very beautiful.
Sandersi WA $21 / 4$ in., Each 40c; Three $\$ 1.00$ ing, the green leaves showily striped with 21/4 in., Each 30c; Three 75c; Doz. \$2.50 PHILODENDRON
Globulifera coccinea. Small rounded, bright green foliage, and brilliant scarlet flowers like Bouvardia. A consistent bloomer during many weeks under adverse living-room con-
ditions.
$21 / 4 \mathrm{in}$., Each 20c; Three 55 c ; Doz. $\$ 1.80$

## LANTANA

Alba perfecta. Creamy white; a charming com$21 / 4$ in., Each 20c; Three 55c; Doz. $\$ 1.80$ Countess de Biencourt. Brilliant rose-pint, 2 $21 / 4$ in., Each 20c; Three 55c; Doz. \$1.80 Craigi. Cardinal-red velvet, its center atudded with gold.
$21 / 4$ in., each 20c; Three 55c; Dож. $\$ 1.80$ Michael Schmidt. A bold brilliant fire-red, its few yellow florets at center heightening the flame effect. 20c; Three 55c; Doz. $\$ 1.80$ Weeping Lantana. A fine plant for small summer hanging baskets. Delicate roselilac in compact umbels, borne freely, in long, drooping sprays.
$21 / 4$ in., Each 20c; Three 55c; Doz. $\$ 1.80$

## LIPPIA CITRIODORA

Lemon Verbena. The well-known popular pot or bedding plant, grown for its richly fragrant foliage
2 $1 / 4$ in., Each 25c; Three 65c; Doz. $\$ 2.00$
Cordatum. DEVIL'S IVY. Wide, heart-shaped leaves, shiny dark green, on thick, twisty stems. A thrifty climber for fancy indoor vining effects.
$21 / 4$ in., Each 30c; Three 75c; Doz. $\$ 2.50$ Micans. Lustrous, velvety, the veining notice$21 / 4$ in., Each 30c; Three 75 c ; Doz. $\$ 2.50$

## PILEA MICROPHYLLA

Artillery Plant. Makes a fine "windbent shrub," or an ancient olive tree in dish gardening. As a pot plant is a dense, rounded mass $21 / 4$ in., Each 25c; Three 65c; Doz. $\$ 2.00$ PIPER NIGRUM-BLACK PEPPER
Mexican Pepper Vine. Long, graceful trails. Short-jointed, with large cordate leave's reflexed, heavily veined, in shades of areen.
$\mathbf{2 1 / 4}$ in., Each $\mathbf{3 5 c}$; Three $85 \mathbf{c}$; Doz. $\$ 3.00$

## SANSEVIERIA

Laurenti. GOLDSTRIPED SNAKEPLANT. A striking novelty form, the variegation being a rich cream color instead of white, with the addition of a wide cream border around each leaf.
in., Each 35c: Three 85c: Doz. $\$ 3.00$ Zeylanica. BOWSTRING-HEMP. Each upright, crosswise with broad jagged white variegation on dark green

## SAXIFRAGA SARMENTOSA

Strawberry saxifraga (Strawberry Gerani!m) Clustered wide, round leaves, green heavily veined white, the under surface red. The early summer flowers are small, in slender spikers, the white petals spotted yellow and red. The main plant throws out runners like strawberry plants, with rosettes of foliage. $21 / 4$ in., Each 25c; Three 65c; Doz. $\$ 2.00$ SCINDAPSUS AUREUS
Pothos aureus (Ivy arum). Broadly heartshaped, leafy vine, green spotted yellow. $21 / 4$ in., Each 25 c ; Three 65 c ; Doz. $\$ 2.00$ SENECIO LEUCOSTACHYS
S. \& H. Dusty Miller. Erect, tall-growing heavily branching; a close network of skeleton leaves, silver-white at all times. Best

21/4 in., Each 15c; Three 40c; Doz. \$1.50 SENECIO MIKANIOIDES
lvy groundsel (Parlor lvy). The well-known German lvy for walls, hanging baskets, and urns; pretty, light bronze-green with 5 to 7 $21 / 4$ in., Each 20c; Three 55c; Doz. $\$ 1.80$ TRADESCANTIA FLUMINENSIS
Wandering Jew. Bright green, striped cream, with grayish reverse
2 $1 / 4$ in., Each 20c; Three 55c; Doz. $\$ 1.80$ VINCA MAJOR VARIEGATA
Mottled Periwinkle. Beautiful variegated green and white foliage; strong trailing habit; bright blue flowers.
21/4 in., Each 15c; Three 40c; Doz. $\$ 1.50$ in., Each 30c; Three 75c; Doz. $\$ 2.50$ 4 in., Eoch 40c; Three $\$ 1.00$

VITIS RHOMBIFOLIA
(Cissus rhombifolia). JAPANESE GRAPE IVY. A strong branchy vine, remindful of both wild $21 / 4$ in

ZEBRINA PENDULA
Quadricolor. FOUR-COLOR ZEBRINA. Striped maroon and silver


Crassula arborescens (See page 47)
$\mathbf{2 1 / 4}$ in., Each 30c; Three 75c; Doz. \$2.50


Peperomia sandersi


Philodendron cordatum


Maid of Urleans

## Gladioli

## Each, Three and Doz. Postpaid. 100 by Express Collect. NO. 1 SIZE

Plant in April or May 4 inches deep and 2 inches opart in drills; single rows 12 inches, and double rows 18 inches apart
Thrip. As a safeguard against thrip, our bulbs are carefully fumigated tor 24 hours witn a highly effective gas. Should thrip develop from air carriage during the growing season, there are several good applications avalable
Albatross. Very early; largest and in every way the best pure white. Ave Maria. Many large, well-place Three 25 c ; Doz. 70c; 100, $\$ 5.00$. blue with a purple blotch. Three 25c; Doz. 70c; 100, $\$ 5.00$. Bagdad. A magnificent smoky old rose, darker at margins, lighter in Betty Nuthall. Sparkling, iridescent Three 25c; Doz. 70c; 100, \$5.00. Betty Nuthall. Sparkling, iridescent orange-pink; the throat goiden orange lined carmine-rose; the reverse a delightful coral-pink.
 Cadillac. Midseason. Tall spike, golden apricot, fading to apricot-rose toward petal edge; stamens and pistils creamy white. Carmen Sylva. Large flowered, sturdy; pure white with slight carmine Charles Dickens.

Commander Koehl. Red as blood, with velvety cardinal sc; 100, \$5.00. ably the most outstanding red, without blemish. Flowers are heavy on sturdy spikes. $\quad$ Three $25 \mathrm{c} ; \mathrm{Doz} .70 \mathrm{c} ; 100, \$ 5.00$. Coppersheen. Orange, bronze. Dr. F. E. Bennett. Velvety flame-scaree 25c; Doz. 70c; 100, \$5.00. cream. Very large and full. Three 20c; Doz. 65 c ; 100, $\$ 4.50$. Gold Eagie. Very early, tall; good sized flowers, slightly ruffled; wide Golden Dream. Late, tall, large; rich golden yellow; many open at once La Paloma. Early Brilliant pure Three 15c; Doz. 50c; 100, \$3.50. Maid of Orleans. Tall, late, upstan Now reasonably priced. Three 20c; Doz. 65 c ; 100, 4.50. Margaret Fulton. Rich strawberry-pink, the throat deeper. Very free, long keeping. Minuet. A model for size, shape and ree 2oc; Doz. 60c, $\$$ light lavender. very iarge most popular Gladiolus ever grown. Usually opens eight gently ruffled. A delicate suffusion of apricot and salmon-pinks

Three 25c; Doz. 70c; 100, \$5.00. Three 15c; Doz. 50c; 100, \$3.50.
Three 25 c ; Doz

Three 25 c ; Doz. 70c; 100, $\$ 5.00$. Three 20c; Doz. 60c; 100, $\$ 4.00$. iccrdy. Three 25c; Doz. 70c; 100, \$5.00. Three 20c; Doz. 65 c ; 100, $\$ 4.50$.


## HARDY WATER LILIES - NYMPHAEAS

Location. Sunshine and unchilled, undisturbed water are essential.
Soil. Should be mellow clay loam, fertilized with one-fourth wellrotted cow manure, about 12 inches deep. Horse and sheep manures are dangerous to use. Of commercial fertilizers, Vigoro is probably as good as any.

Water. Any clean water, not in strong motion, will do; its depth above soil not arbitrary, but 12 inches is best

Planting. The longer roots should be firmed into the dirt slanting or flat; but set all shapes so that the crown is even with the surface of soil. In case the pull of spreading leaves, or other disturbance loosens the root-hold, poke them back and refirm the soil or further bind them down with stones

The average space to allow for plants is about 2 feet square
Original propagation is slow; S. \& H. Lily roots are two or more years old, and ready to bloom. Shipping may commence obout April first, and is practical up to the first of June. Established pools with a good assortment begin showing flowers in May; each of an average five-day existence, with unbroken continuance and varying extravagance, until late fall.

## Prices are delivered to you

Attraction. A superb rea Lily, capable of an 8 -inch spread. Garnet tipped rose, maturing to deep red; the sepals white, witn rosy streaks maturing garnet-red.

Each $\$ 2.50$; Three $\$ 7.00$,
Comanche. Flower and stem uniquely upheld above the water. Rich apricot, maturing coppery bronze with ruddy shadows in the depths; orange
Eaci' $\$ 1.25$; Three $\$ 3.30$.
Chromatella. The one distinct, bright yellow very free bloomer.
distinctive appearance Very fragrant Gladstone. The largest of the white Lilies. Dazzling white blossoms with broad waxy petals, 5 to 8 inches across. Each $\$ 1.50$; Three $\$ 4.00$.
Gloriosa. Choice, producing up to 200 glorious bivoms: targe, perrect and exceptionally double. Brilliant carmine-red, The vivid color freedom and smoll leat-spread, popularize it ear tubs $\$ 2.00$; Three $\$ 5.50$
Each
Jean Louise. If you desire a hardy, free blooming white Lily, this is your choice. It bears a wealth of large, fragrant blossoms from early spring until late fall.

Eoch \$1.25; Three \$3.30.
Paul Hariot. Blooms of this delightful Lily change in color
Each \$1.25; Three \$3.30
Rose Arey. Best of the pinks, with a large deep pink blossom that reaches to 8 inches across. Petals are pointed with a curting edge. $\$ 3.30$ Sunrise. The largest hardy Lily in flower. Salmon-olive-brown buds burst forth, in wide-flung rays with tints of primrose, gold and opal. Fuil blown, its immense flowers resemble chrysanthemums, clear yellow, lemon-chrome siamens. Earliest, largest, most unique
and root require a 4 -foot space.


Giant Hybrid Amaryllis


Cinnamon Vine



Lilium speciosum


Lilium superbum

## जfardy billies

(FOR HARDY WATER LILIES SEE PAGE 49)
Most lilies will succeed in any light, sandy or loamy soil if sufficiently enriched and properly drained Decayed peat and leaf mold are often successfully nixed with the other soil. Well-rotted cow manure is best, thoroughly mixed in, followed in after years by top dressing. Fresh manure must be avoided In garden planting, the bulbs should be set no less than three times their own depth and mulched heavily after the first frosts come, for winter protection. In locating these plantings remember that lilies object to frequent removal; they should be left undisturbed several years. Size of bulbs measured b) circumference

## Each, Three and Doz. Postpaid. 100 by Express Collect.

Auratum.
Gold-Baanded Japan Lily. Special home grown disease-free bulbs. The flowers are large With 6 broad petals gracefully recurved White, thickly studded crimson-maroon spots with a wide gold band down the center of each petal. July-August

Each 40c; Three \$1.10; Doz. \$4.00
Batemanniae. Bright apricot tinted flowers 3 to 4 inches diameter and 3 feet high, blooming in July-August

Each 40c; Three \$1.10; Doz. \$4.00
Elegans atrosanguineum. Hardy, dwarf, stocky grower, blooming freely in June and July with large, erect, vivid flowers. Velvety blood-red inside, the outer surface sheened with gold.

Each 40c; Three $\$ 1.10$; Doz. $\$ 4.00$

## Henry.

Yellow speciosum. One of the finest hardy lilies, of strong, vigorous growth, with flower stalks 5 to 8 feet tall, when established, with more than 20 blooms of deep apricotyellow, lightly spotted brown. August-Sepmember.

Each 40c; Three \$1.10; Doz. \$4.00 Speciosum album. A pure white with a golden green band traversing the center of each petal. One of the most beautiful.

Each 50c; Three \$1.40; Doz. \$5.00 Speciosum magnificum rubrum. This is one of the joys of August; ruby spots informally distributed over a broad expanse of white

Each 40c; Three \$1.10; Doz. \$4.00 Superbum. Runs from 3 to 10 feet in height, its nodding crests adding to the general britfiance of July and on into September, with from 5 to 40 handsome blooms of orangescarlet shaded yellow, with red anthers. Requires moisture

Each 25c; Three 70c; Doz. \$2.50

## Lilium elegans



The Regal Lily. Our Regals are home grown! They are somewhat smaller than the imported Oriental Bulbs, but no less productive and, most impportant, they are free from the Mosaic disease affecting imported bulbs. 4 to 5 feet, well follaged, crowned with varying clusters of very large, long tubed, wide mouthed lilies. Although immaculately white, the outer surface of the flower is streaked with a delightful stain of coral-pink, the deep throat being heavily gilded. The perfume is exquisite. June-July. Flowering bulb sizes.

4-6 in., Each 30c; Three 80c; Doz. \$3.00 6.8 in., Each 40c; Three $\$ 1.10$; Doz. $\$ 4.00$

## Tenuifolium.

Coral Lily. A flashy little mid-summer lily, for mass effect, rockeries or potted. The flowers are tiny 2-inch balls. Numerous and so intensely scarlet they shame the larger reds. Stems to 2 feet high. Fine cut ferny foliage.

Each 20c; Three 55c; Doz. \$2.00

Tigrinium flare plano. 3 to 4 feet. The "Double Tiger Lily." A very showy flower naturally heavier than the single type. Richer coloring

Each 25c; Three 70c; Doz. \$2.50
Tigrinium splendens, A much improved strain of the well-known "Tiger Lily." Attaining 4 to 5 feet in height and blooming profusely during July. Orange-red, spotted with glossy black

Each 25c; Three 70c; Doz. \$2.50

Lily-of-the-Valley. The loose panicles of tiny bell-shaped flowers set low in their emerald foliage, a beautiful cover for shady spots that will furnish a vast amount of cut sprays and sweetly perfume the entire yard. Best in the shade. 2-year Pips (Berlin strain).
Doz, 60c; 100, \$3.50; 250, \$7.50
[51]


Lilium tigrinum


Lilium auratum


Lilium tenuifolium
Lilium henry


## The Following Prices Include Delivery Postpaid.

## FEDERATION (U. S. Plant Patent No. 287)

Color of flower: Lively, brilliant and sparkling rose-pink with lighter center, iridescent orange undertone. Flowers are produced in very large quantities on stems 12 to 24 inches long; individual blooms $31 / 2$ inches in diameter. Petals wavy and crested, forming charming cuplike, semi-double flowers which have from 24 to 36 petals. Excellent for cutting. Very sweetly scented.

Foliage: Rich green, quite dark. Black spot or mildew has not been seen on this variety in the test garden during a 4 -year trial. Would say it is absolutely mildew-proof

Hardiness: Hardy without protection in the Temperate Zone. Can be successfully grown with protection in the colder regions where growing Roses heretofore has not been possible or exceedingly difficult

Size of Plant: Ultimate height, 12 to 14 feet. Canes are very plentiful which is in part responsib'e for the tremendous amount of flowers produced. Each, \$1.50; Doz., \$15.00.


Mme.
Gregoire Staechelin

A lovely pink-flowered climber

MERCURIUS (U. S. Plant Patent No. 385)
Color of flower: Sparkling two-toned apricot and coral-pink cup-shaped flowers which open slowly and do not fade. When fully open they measure 4 to 5 inches across. The flowers and buds are as handsome as any Hybrid Tea Rose. Flowers are produced abundantly on spur branches both on main stalk and laterals 1 to 2 feet long. They are stiff, bearing their flowers without bending. This variety is "tops" in this particular color range

Foliage: The !eaves are shiny and large, abundantly produced. No black spot or mildew has been seen over a four-year test period.

Hardiness: Hardy without protection in the Temperate Zone. Can be successfully grown with protection in the colder regions. Size of plant: Ultimate height, about 7 to 9 feet.

Each, \$2.50; Doz., \$25.00.

POLARIS (U. S. Plant Patent No. 386 )

## The Fragrant White Climber

A very hardy climber of robust growth. Disease resistant and exceedingly free blooming. The pure white individual flowers are often 2 inches in diameter and occur in large clusters. It is specially valuable where purity as well as profusion of bloom is essential. In addition, it is believed to be the most fragrant of the Climbing Roses. The foliage is light and shiny green, sparkles in sunlight and is ornamental in itself throughout the summer. During its test period, no signs of black spot or mildew has ever been seen. Unquestionably one of the best hardy white Climbing Roses.

Each, \$2.00; Doz., \$20.00
THOR (U. S. Patent No. 387)
Color of flower: Brilliant scarlet-red. The flowers are perfectly formed, very slow in opening and when fully open, 4 te 5 inches across. The flowers, although large, are perfectly shaped and just as handsome as those of a Hybrid Tea Rose. Fiowers are produced abundantly on spur branches 12 to 18 inches long, which are stiff, holding the flowers in perfect position. Flowers have from 55 to 60 petals, do not discolor when fully open. Without any question of doubt, the finest scarlet Climbing Rose yet introduced. Horvath claims this to be the finest creation to date.

Foliage: Rich bottle-green, quite abundant. Mildew or black spot has never appeared during a three-year test period.

Hardiness: Hardy without protection in the Temperate Zone. Can be successfully grown with protection in colder regions.

Size of Plant: Ultimate height about 8 to 10 feet. Canes are very plentiful, not overly thorny.

Each, \$2.50; Doz., \$25.00.

## Other Hardy Climbers

Including the "Ramblers and Creepers."
No. 1 grade: Each, 60c; 3, \$1.60; doz., $\$ 6.50$
No. 2 grade: Each, 45c; 3, \$1.20; doz., $\$ 4.50$
American Pillar. Single flowers in evenly rounded clusters. Brilliant carmine-rose, with distinct creamy white sector and brilliant yellow stamens ot center. A superb arch cover.
Crimson Rambler. The old reliable clustered climber.
Climbing American Beauty. Bulky, double, solitary flowers; extremely profuse; bright rose-red. Strong grower
Dr. Huey. Semi-double; deep crimson-maroon.
Dr. W. Van Fleet. Large, solitary flowers with stems 12 to 18 inches long; delicate flesh-white. Season, 3 weeks
Dorothy Perkins. Densely quilled and numerous; shell-pink. Excelsa (Red Dorothy Perkins). Radiant blood-red clusters
Gardenia. Little yellow buds opening up to creamy white jasmine scented. A choice ground cover.
Marie Gouchalt. Clear geranium-pink.
Mary Wallace. Either cl'mber or door-yard bush. Wide semi-double; rose-pink with salmon. Free blooming.
Mme. Gregoire Staechelin ("Spanish Beauty"). New long
crimson buds opening up pearl-pink; frogrant.
Paul's Scarlet Climber. Scarlet, shaded crimson.
Primrose. Light primrose-yellow, clustered $21 / 2$-inch flowers. Roserie. Deep rose-pink, in extravagant clusters.
Silver Moon. Semi-double, 5 -inch flowers; pure white with thick tufts of yellow stamens
White Dorothy Perkins. Compactly clustered.

## Climbing Roses

tardiness and vigor of growth characterize this new race of Setigera and Xanthina Hybrid Roses


Federation


Mercurius

Polaris



Our Seading $\mathcal{H y b r i d}^{\text {Cea }}$ Group for 1941


1. Kaiserin Augusta Victoria
2. Mrs. Henry Bowles
3. Sister (Soeur) Therese
4. Grenoble
5. Rouge Mallerin
6. Rev. F. Page-Roberts

A! $\$$ in No. 1 Grade
for $\$ 3 \underline{25}$
Postpaid

# Everblooming Iybrid Cea Roses BLOOM FROM JUNE TILL NOVEMBER 

## The following prices include delivery postpaid

## PRICES: No. 1, each, 65c; 3, \$1.75; doz., $\$ 6.50$, postpaid.

American Beauty. Bush rose. A very popular cerise-red
Autumn. Outstanding; burnt orange overcast with red; medium sized double, cupped, fragrant and free blooming.
Betty Uprichard. Salmon-pink, the exterior orange-carmine; rolling
Briarcliff. Tall, dark foliage; Columbia-pink
Caledonia. Large; double, white, extra long pointed buds
Charles K. Douglas. Flaming scarlet, flushed crimson
Condesa de Sastago. (Semi-double.) Brilliant copper-pink inside, the outside of petals golden vellow.
Copper King. (Single.) Very striking for size, and burnished copper
Dame Edith Helen. New, large, pure pink
Dainty Bess. (Single.) Ruffled; flesh-pink with old rose reverse; the prominent stamens wine-red
Duquesa de Penaranda. Rich orange and coppery apricot
Duchess of Wellington. Intense saffron-yellow
Duchess of Wellington. Intense saffron-yellow.
Earl Haig. Cherry-crimson; compact flower with thick rolling petals
Edel. Frost-white; a beautiful companion to Earl Haig
Edith Nellie Perkins. Rich orange and salmon-pink; a dainty bi-color
E. G. Hill. Deep velvety red; long buds, high centered

Eroile de France. Velvety garnet-red cup, with center of vivid cerise Etoile de Hollande. Wonderful dark red; long lived and dependable Feu Joseph Looymans. Long orange-buff buds; flowers large, fairly double, yellow with apricot center.
Francis Scott Key. Red blended with cerise; large, full, free
Golden Dawn. A fine new yellow; very double, sunflower aging to lemon the bud tinged with rose.
Grenoble. Strong growing; scarlet-red
Gruss an Tepliti. Velvety crimson-red, very free and dependable; tall
Hadley. One of the very good velvety crimson-reds; sweetly perfumed
Joanna Hill. Heavy lemon buds, opening semi-double, Indian yellow
Jonkheer J. L. Mock. Bright pink, faced carmine, with rolling silvery edge
John Russell. Vivid red shaded cardinal; large and solid.
Kaiserin Augusta Vietoria. Delicate creamy white; beautifully formed
Katherine Pechtold. Orange, with lightening glints of copper.
Katherine Pechtold. Barron. Softly blended salmon, shell-pink and copper
Lord Charlemont. Large, deep crimson.
Marcia Stanhope. Wonderful fragrant white.
Marcia Stanhope. Wonderful fragrant white, passing to carmine-rose
Margaret MeGredy. Brilliant orange-vermion, pase
MeGredy's Scarlet. New velvety scarlet, orange base.
Movrouw G. A. Von Rassem. Apricot, opening golden yellow.
Miss Rowena Thom. Fiery rose, shaded old gold; has been very

Mme. Edouard Herriot. Semi-double; terro cotta, bronze and copper tall.
Mme. Jules Bouche. White with primrose center
Mme. Joseph Perraud. Long, slender buds of nasturtium-arange, opening to sweetly fragrant flowers of nasturtium-buff, with a hint of pale pink at the petal edges.
Mons. Julien Potin (Golden Pernet). Rich, deep golden yellow.
Mrs. Aaron Ward. Delightful small golden yellow; the fine "corsage" rose
Mrs. Charles Bell. Soft shell-pink; large and full.
Mrs. E. P. Thom. Long, yellow buds, and large, well-shaped blooms of bright canary-yellow, very vigorous and free
Mrs. Henry Bowles. Mágnificent flowers of dark, lustrous pink
Mrs. Henry Morse. Bright pink with silvery shadings.
Mrs. Pierre S. DuPont. Red-gold buds, opening to a beautiful yellow
Mrs. Sam McGredy. Large, orange-salmon; vigorous grower
Mrs. Sam McGredy. Large, orange-salmon; vigorous grow
President Herbert Hoover. Long, pointed buds of red-orange
Radiance. Hardiest and most dependable carmine-rose-pink.
Red Radiance. Very free globular bloom; bright crimson.
Rev. F. Page Roberts. Copper-red buds; golden yellow, stained red
Roslyn. Orange buds. full golden yellow flowers.
Rouge Mallerin. Very dark red; has the appearance of rich velvet; very double.
Sensation. Scorlet-crimson
Sir Henry Seagrave. Primrose to chrome-yellow base, intensely fregrant Sister (Soeur) Therese. Chrome buds edged carmine, opening daffodil yellow.
Soleil d'Or. Large, full flowers, gold and orange-yellow, varying to ruddy gold suffused with nasturtium-red
Souv. de Claudius Pernet. Sunflower-yellow; first of good modern yel lows.
Souv. de Mme. C. Chambard. Long, pointed coral buds, unfolding to coral-pink, tinged peach.
Talisman. New copper and golden yellow; a sensational parti-color.
Ville de Paris. Wonderful sunflower-yellow; comparatively fadeless
Willowmere. Vigorous garden type; shrimp-pink, shaded yellow-cream
$\left\{\begin{array}{cc}\text { HYBRID TEA ROSE ASSORTMENT } \\ 12 \text { Hybrid Tea Roses, our selection, in 2-yr., No. I grade } \\ \text { for } \$ 5.45 \text {, postpaid. We will select for your order: } \\ \mathbf{2} \text { Red } \\ \mathbf{2} \text { Light Pink } & 2 \text { White } \\ \mathbf{2} \text { Dark Pink } & \text { Yellow } \\ & \mathbf{2} \text { Parti-colored }\end{array}\right\}$

## HYBRID PERPETUALS-"JUNE" ROSES

Brilliant, with perfumed flowers, larger than the Hybrid Tea class. On account of disparity of growth and blooming season, this larger type should not be included in the same Rose bed with the Hybrid Teas.

No. ${ }^{1}$ grade: Each, 65c; 3, \$1.75; doz., $\$ 6.50$.

Capt. Hayward. Velvety carmine-crimson; farge.
Frau Karl Druschki. Waxy paper-white; its bud, half opened state and maturity are exquisite. Of longer blooming season than the type yielding its final bouquets under the first fall of snow.
Gen. Jacqueminot. Very free bloom, crimson-scarlet.
George Arends. Large, perfect; silvered pink.
Henry Nevard. Very fragrant and free flowering; large, well-formed flowers, crimson-scarlet.

TREE ROSES
A Tree Rose is not a natural type, but rather a product of the growers' skill. It consists of a strong, single, upright $4!/ 2$-foot stem, toD-grafted to one of the free blooming garden varieties. This method of growing Roses is somewhat unusual, but not novel, as it has been practiced for years They are very effective and add tremendously to any garden picture. Tree Roses are planted among ordinary sorts in the Rose garden, at the junction of paths in a formal gar den, along driveways, or in any position where a forma plant is required. By this method their gorgeous blossoms are established at eye-level, which their normal habit would not permit.

```
C. K. Douglas.
    Grenoble.
    E. G. Hill.
    Marcia Stanhope
    Mme. Herriot.
    K. A. Victoria.
    Edel.
    Mrs. E. P. Thom
    Sensation.
    Talisman.
    Mme. Buttrflv
    Mrs. W. C. Miller.
    Mrs. Henry Bowles
    Briarcliff.
    Joanna Hill
    Edith Nellie Perkins.
    Primrose Climbina.
Each, $2.85; 3, $7.70; doz., $28.50.
```

Jubilee. Pure red, shading to crimson and maroon.
Magno Charta. Early blooming; bright pose-pink.
Mrs. J. H. Laing. Soft, delicate pink with satin cast
Paul Neyron. Very large, perfect; bright ruddy pink. This variety is noted for long, thick stems without thorns, and normally produces its best crop in September. A delightful, home-grown decorating item for late August and September weddings
Ulrich Brunner. Fine form; popular; cherry-red.


Polyantha Rose Hedge
Each, Three and Doz. Postpaid. 100 by Express Collect.

## POLYANTHA ROSES OR BABY RAMBLERS

Blooming all summer, their brilliant clusters make an array of color from June till fall. They seldom grow higher than 18 to 24 inches, and never spread over 2 feet.
Hedges of the thriftier kind are now being used extensively, thus combining good low growing hedge material with a continuous, sparkling show of flowers.
Cecile Brunner ("Sweetheart"). Large sprays of double flowers, soft Ellesy pink on cream.
Ellen Poulsen. Full, sweet scented clusters of dark pink.
Erna Teschendorf. Unfading crimson-cardinal. One of the most dependable for continuous bloom.
Ideal. The darkest; rich garnet-red
Lady Reading. Unmixed, unfading cherry-red.
Lafayette, Large, crinkled, thickly clustered, cherry-pink. Runs slightly heavier than type
Miss Edith Cavell. Crimson, with white eye
Pink Lafayette. Flower very large; produced in enormous clusters. Color bright clear pink.
Verdun. Cherry-crimson; very show
Crimson Baby Rambler. The original of this dwarf group. Thick clusters
Each, 50 c; 3 for $\$ 1.35$; 5 for $\$ 2.40$; 12 for $\$ 4.25$.

We offer two assortments of Baby Ramblers, embracing the various colors, the actual varieties to be our selection.
Baby Rambler Assortment No. 1-
$E$ plants, 3 ir murs different varieties, for $\$ 2.25$.
Baby Rambler Assortment No. 2-
12 plants, 6 ar more different varieties, for $\$ 4.00$.

## NEW SWISS ROCK GARDEN ROSE

Rosa rouletti. This altogether charming little Alpine Rose was once very popular in Switzerland. Having recently regained cultivation, it comes now to us a choice rockery and edging plant. Grows 6 to 7 inches high; dense small foliage; $3 / 4$-inch double, rose-pink flowers continuous from early summer until frost. From 21/4-inch pots: 40c each; 1 for $\$ 1.05$; 5 for $\$ 1.80$; 12 for $\$ 3.00$.

## NATIVE AND SHRUB ROSE

R. blanda. MEADOW ROSE. To 6 feet. Slender, reddish purple branches, almost thornless; bright rose. May flowers.

Each, 40c; 3, \$1.10; doz., \$4.00; 100, \$27.00. Crested Moss. Deep pink with heavy moss and crest.

Each, 45c; 3, \$1.20; doz., \$4.50. Harrison's Yellow. Semi-double, bright yellow; early

Each, 45́c; 3, \$1.20; doz., \$4.50. R. hugonis. HUGONIS ROSE. A splendid shrub rose with delicate yellow single flowers in May. The plant is a very attractive and decorative bush affer flowering. Perfectly hardy. Each, 60c; 3, \$1.60; doz., $\$ 6.00$
R. humitis. PASTURE ROSE. Ground cover; pink

Eoch, 40c; 3, $\$ 1.10$; doz., $\$ 4.00$; 100, $\$ 27.00$. Kukulinski. Single pink flowers. Each, 45e; 3, \$1.20; dox., \$4.50. R. lucida. VIRGINIA ROSE. The familiar, red-fruited wild rose.

Each, 40c; 3, \$1.10; doz., \$4.00; 100, \$27.00. R. multiflora. JAPANESE ROSE. Rounded bush; double; intermingled petals of shell-pink and white. Each, 45c; 3, $\$ 1.20$; doz., $\$ 4.50$. R. nitida. BRISTLY ROSE. A pretty dwarf rose; deep pink. $00, \$ 27.00$ R. palustris. CAROLINA SWAMP ROSE

Each, 40e; 3, \$1.10; doz., \$4.00; 100, \$27.00.

R. rubiginosa. SWEET BRIAR. Light pink, single flowers. Each, $45 \mathrm{c} ; 3$ 3, $\$ 1.20$; doz., $\$ 4.50$. R. rubrifolia. REDLEAF ROSE. Shrubby bush with dark bronze-red leaves; smali, single, rose-pink flowers.

Each, 45c; 3, \$1.20; doz., \$4.00.
R. setigera. PRAIRIE ROSE. Large, single flowers, rose-pink. A good fence and trallis climber or large bush.

Each, 45c; 3, \$1.20; doz., \$4.50.

## RUGOSA ROSES

A valuable, perfectly hardy type used in landscape work, agreeable to location in partial shade. Foliage lustrous, dark green, usually corrugated, and is immune to pests.
Rosa ruyns rubra. Flowers deep rose, single or semi-double; followed by showy, very large orange-scarlet fruits. A dwarf bush, with its white flowered companion, it is a showy and excellent subject to pocket into an extensive steep hillside, mingled with snowberry, coralberry, desmodium, the trailing honeysuckle and matrimony vine.

Each, 55e; 3, \$1.50; doz., \$5.50.
flowers
Each, 55c; 3, 1.50; doz., $\$ 5.50$

## TUGOSA HYBRIDS

Agnes. The only yellow rugosa; aiso sweet scented. Coppery yellow, maturing amber-yellow. Each, $55 \mathrm{c} ; 3, \$ 1.50$; doz., $\$ 5.50$
Amelie Gravereaux. Medium, double, fragrant flowers in smalf groups all summer; dark purplish red. Each, $55 \mathrm{c} ;$ 3, $\$ 1.50$; doz., $\$ 5.50$
Dr. Eckener. The cup-shaped flowers are of good size, distinct from the others in their delightful color, luminous buft-pink, with golden suffu sion.

Each, $55 \mathrm{c} ;$ 3, $\$ 1.50$; doz., $\$ 5.50$.
Conrad Ferdinand Meyer. Double; delicate silver-pink. These are dainty cup-shaped flowers of large size and great beauty, the foliage particularly pleasing.

Each, 55c; 3, \$1.50; doz., \$5.50
F. J. Grootendorst. Typical foliage and habit of compáctly bushing moderate growth; blooms in clusters of over-sized, fairly double red flowers resembling the Crimson Baby Rambler. Because it is compact it does well in partial shade and blooms long time it is much used in foundation groups. Each, 55c; 3, \$1.50; doz., $\$ 5.50$.
Max Graf. Lustrous rugosa foliage (late lasting and undamaged by pests). Spangled with large, prettily ruffled flowers of bright pink pests). Spangled with large, prettily ruffled flowers of bright pink. utility. $\quad$ Each, 60c; 3, $\$ 1.60$; doz., $\$ 6.00$.

Rosa hugonis


# HARDY DECIDUous SHRUBS 

Many of the less commonly planted shrubs have very desirable characteristics and we urge that you look over this entire list before planning your plantings

> Our shrubs are heavy, well-rooted specimoni and are sent by freight ur express collect.

## ACANTHOPANAX

Pentaphyllum (Aralia). A clean and cheerfu shrub of graceful, arching hobit with bright green leaves of tropical appearance and small greenish flowers. It reaches eight feet in height and grows well in various soils $18-24$ in Each 45 . poor locations
18-24 in., Each 45c; Three \$1.20; Doz. \$4.50 $2-3 \mathrm{ft} .$, Each 60c; Three $\$ 1.65$; Doz. $\$ 6.00$

## AMELANCHIER—SHADBLOW

Canadensis. DOWNY SHADBLOW. 30 ft Of picturesquely irregular branching growth; all flowers Small purple of drooping, snowy 11/2-2 ft., Each 70c; Thner \$1.90; Doz., \$7.00 2-3 ft., Each 90c; Three $\$ 2.45$; Doz. $\$ 9.00$

## AMORPHA

Fruticos
eet high in large spreoding bush form with bright green leaves in pinnate arrangement lowers deep violet-blue in June. 2-3 ft., Each 50 c ; Three $\$ 1.35$; Doz. $\$ 5.00$

## ARALIA

Japonica (Angelica Tree). Long, slender, grace fully arching branches; a rich, shiny, dark not change color: thus adding another strik ing color to outumn foliage. The compound leaves are made up of 5 to 7 distinct leaflets, like spread fingers on a hand. Tinted white

11/2-2 ft., Each 45c; Three \$1.20; Doz. \$4.50 ARONIA-CHOKEBERRY
Arbutifolia. RED CHOKEBERRY. 8 ft . Upright to 6 feet; very pretty in April and May with an abundance of white flowers; its fall foli age and fruits a bright red, carrying well nto winter
11/3-2 ft., Each 45c; Three \$1.20; Doz. \$4.50 2-3 ft., Éach 65 c ; Three $\$ 1.75$; Doz. $\$ 6.50$ Melanocarpa. BLACK CHOKEBERRY. 6 ft Thick, black fruits. The Aronias thrive in 11/2-2 f., Each 45c; Three \$1.20; Doz. \$4.50 2-3 ft., Each 65e; Three \$1.75; Doz. \$6.50

## BERBERIS—BARBERRY

## Mentorensis. MENTOR BARBERRY 6

Plant Patent No. 99. Compact, vigorous growth, with lustrous dark green leaves These remain practically all winter, purplish bronze against the snow on the frozen ground. Very desirable

12 to 15 in., Each 50c; Three $\$ 1.40$ Doz. $\$ 4.00 ; 100, \$ 25.00$
15 to 18 in., Each 55 c ; Three $\$ 1.50$; Doz. \$4.50; 100, \$30.00 Each 75c; Three \$2.00; 18 to 24 in., Doz $\$ 6.00$; 100, $\$ 40.00$ Thunbergi. JAPANESE BARBERRY. 4'ft. The ideal low hedge plant-hardy, tough, im pervious; of dense growth; adapted to shearing. Daintily small and profuse foliage beautiful alike in summer greens and autumnal
12-15 in., Each 20c; Doz. \$2.00; 100, \$14.00 15-18 in., Each 25c; Doz. \$2.50; 100, \$17.00 18-24 in., Each 30c; Doz. \$3.00; 100 \$20.00 Thunbergi atropurpurea. RED-LEAF BARBERRY 5 ft . A brilliant accent shrub as solitary specimen or in a close group amidst duller foliage. An exact reproduction of Thunbergi in starting off in its first folior, this variety the heat of summer intensifying its red brilliancy; autumn adding other tints; scarlet

12-15 in., Each 30c; Doz. \$3.00; 100, \$20.00 $15-18 \mathrm{in.}$, Each 40c; Doz. \$4.00; 100, \$27.00 18-24 in., Each 60c; Doz. \$6.00; 100, \$41.00 Thunbergi minor. BOX BARBERRY. 2 ft . Foliage round, dense, compact; it closely resembles Boxwood. Slower and lower growing than Thunbergi, its density allows closer shearing into any shape.
9-12 in., Each 30c; Three 80c; Doz. $\$ 3.00$ 12-15 in., Each 40c; Three \$1.10; Doz. \$4.00 Thunbergi pluriflora erecta. TRUEHEDGE COL UMNBERRY. 4 ft. U. S. Plant Patent No. 110. The new "Ready Made Hedge." Upright in form, of uniform density, foliaged to the ground. Little pruning needed to keep a
formal face and height. Set plants 9 inches formal face and height. Set plants 9 inches overnight

9 to 12 in., Each 25c; Five $\$ 1.00$ \$4.00; 100, \$14.00 12 to 15 in., Each 30c; Five \$1.25; 15 to 18 in., Eách 35c; Five \$1.40 25, \$5.75: 100 \$20.00 Each 45c; Five \$1.65 $25, \$ 7.00 ; 100, \$ 25.00$

Berberis thunbergi--Japanese Barberry



Buddleia, Butterfly Bush

## BUDDLEIA—BUTTERFLY BUSH

 bloom spikes bushy growth; when the lovely may have died down nearly to the ground dur ing a severe winter, is now a perfect branched specimen of about 5 feet, radiating a delightful perfume and glowing with tints and Haptwegi. This new voriety has proved its superior hardiness; is a thrifty, compact bush with extra heavy, dark green foliage. Its value as a cut flower type is outstanding. The bright lavender flowers are densely set on tip. Each 45 c ; Three $\$ 1.20$; Doz. $\$ 4.50$ le de France. A sensational new variety, of uniform moderate growth, and extreme brillonce 6 spikes 6 to 9 inches long, sweetly fragrant; rosy purple suffused violet. $\begin{aligned} & \text { Each } 45 \text {; } \text {; Three } \$ 1.20 \text {; Doz. } \$ 4.50\end{aligned}$ Charming. This newest introduction is a genuine bright pink, with but slight indication of the basic lavender. Extreme length of sprays with large, well set flowers awake from base to tip of spike. Concord. Each 50c; Three \$1.35; Doz. $\$ 5.00$ cond. (New.) The reddish blue-purple of Each 75c; Three \$2.00; Doz. $\$ 7.50$ Dubonnet. (New.) The rich red color of DuEach 75c; Three \$2.00; Doz. \$7.50 leanor. (New.) Dwarf, late; "Eleanor blue," Each 75c; Three \$2.00; Doz. \$7.50 [57]Callicarpa purpurea (See page 58)



Exochorda grandiflora (see page 59)

## CALLICARPA-BEAUTYBERRY

Purpurea. CHINESE BEAUTYBERRY. 4 ft
pretty, tender shrub from 1 to 4 feet, requiring winter protection. It blooms profuse-
ly during August with small axillary clusters of pink flowers, these followed by berrybunches colored'a light violet. If top should freeze, young shoots will come up to flower 18-24 in., Each 50c; Three \$1.35; Doz. $\$ 5.00$ 2- Ift, Each 60c; Three \$1.60; Doz. $\$ 6.00$ CALYCANTHUS-SWEETSHRUB

## Floridus. COMMON SWEETSHRUB. A unique

 shrub growing upright to 6 feet, clothing its straight, strong reddish brown shootswith large, glossy leaves, from the axils of with large, glossy leaves, from the axils of
which spring odd, doubie, spicily fragrant flowers of chocolate-red.
18-24 in., Each 40c; Three \$1.10; Doz. $\$ 4.00$ CARYOPTERIS-BLUEBEARD
Incana. COMMON BLUEBEARD. 4 ft . A 3 -foot shrub; from September until frost, covered fuld length with attractive umbels of alav-2-yr., Each 50c; Three \$1.35; Doz. $\$ 5.00$ CEPHALANTHUS-BUTTONBUSH
Occidentalis. COMMON BUTTONBUSH. 6
Forms a dense, rounded bush 4 to 6 teet high, especially od, opted to domp locations, in shaped, greenish white flowers.
2-yr., Each 50c; Three $\$ 1.35$; Doz. $\$ 5.00$ CLETHRA
Alnifolia. SUMMERSWEET. 5 ft. A handsome dwarf shrub, delightfully fragrant in August and September when covered with long, $11 / 2-2 \mathrm{ft} .$, Each 60 c ; Three $\$ 1.60$; Doz.

## COLUTEA - BLADDER SENNA

Arborescens. COMMON BLADDER SENNA. 10 ft. Tall; grows rapidly, preferring a dry, sunny location. Acacia-like foliage, flowers pea-shaped in long racemes, yelow and cin-nabar-red, followed by red, bladder-shaped
seed pods.
$2-3$ ft., Each 60c; Three $\$ 1.60$; Doz. $\$ 6.00$

## CHIONANTHUS_-FRINGE

Virginica. WHITE FRINGE. 25 ft . A very showy shrub, growing to large size; with large leathery, shiny leaves, and lacelike white flowers borne in gracefully drooping panicles. Although treelike in character, the branches and heavy foliage are usually well furnished close to the ground.
2-3 ft., Each \$0.50; Three \$1.35; Doz. $\$ 5.00$ 3.4 ft., Each \$1.00; Three \$2.70; Doz. \$10.00 CORNUS—DOGWOOD
Alba sibirica. CORAL DOGWOOD. 10 ft . Clusters of fine white flowers; white berries; stem and branches turning to blood-red.
18-24 in., Each 45c; Three \$1.20; Doz. \$4.50 $2-3 \mathrm{ft}$. , Each $\$ 0.55$; Three $\$ 1.50$; Doz. $\$ 5.50$ Elegantissima. SILVERBLOTCH DÓGWOOD. 8 ft . Purplish red branches and beautiful silver variegated foliage. This is one of the choic$11 / 2-2$ viegated-leaved shrubs.
11/2-2 ft. Each 65c; Three \$1.75; Doz. $\$ 6.50$ Amomum. $\mathbf{2}$ ft., Each 80c; Three $\$ 2.15$; Doz. $\$ 8.00$ Amomum. SILKY DOGWOOD. 10 ft . Dwarf bush, bark purplish, leaves silky, flowers greenish white in early summer, in dense 1 $1 / 2$-2 ft., Each 40c; Three $\$ 1.10$; Doz. $\$ 4.00$ $2^{1 / 2-3}$ ft., Each 50c; Three \$1.35; Doz. $\$ 5.00$ Paniculata. GRAY DOGWOOD. 15 ft . Unusually compact; showing a profusion of good sized white flowers in June. Berries white, on noticeably red stems. Bark and under side of 2-3 ft., Each 70c; Three \$1.90; Doz. $\$ 7.00$ Sanguinea. BLOODTWIG DOGWOOD. 10 ft Sturdy shrub, valuable for its red twigs; black 2-3 ft., Each 60c; Three \$1.60; Doz. \$6.00 Stolonifera. RED OZIER DOGWOOD. 8 ft . Me dium sized and spreading, dark red bark and 11/2-2 ft., Each 40c; Three $\$ 1.10$; Doz. $\$ 4.00$ 2 -3 ft., Each 45c; Three \$1.20; Doz. \$4.50 -4 ft., Each 60c; Three \$1.60; Doz. \$6.00 CORYLUS
Americano. AMERICAN HAZELNUT. 10 ft . The common Hazelnut. Will grow in almost any location, but prefers a rather moist soil, such as can be found along streams. Nuts 2 - 3 ft ., Each 90c; Three \$2.45; Doz. $\$ 9.00$ 3.4 ft., Each \$1.25; Three \$3.35; Doz. \$12.50 Avellana. FILBERT. 15 ft . A fine shrub of excellent habit. Enfirely hardy. A success on most any soil and bears early and abunAmerica
11/2-2 ft., Each 75 c ; Three \$2.00; Doz. $\$ 7.50$ 2-3 ft., Éach 90c; Three \$2.45; Doz. \$9.00 4-5 ft., Each \$1.75; Three \$4.70; Doz. \$17.50

## COTONEASTER

Dielsiana. DIELS COTONEASTER. 6 ft . Upright to 6 feet, densely leaved and branched, with the June flowers pinkish. the September truits scarlet Fall leaves are orange-red. 2-3 ft., B-B

Each \$2.00; Three \$5.40; Doz. \$20.00 Each' $\$ 2$ 50; Three \$6.75; Doz. $\$ 25.00$ Divaricata. SPREADING COTONEASTER. 6 ft . Growth upright to 6 feet; leaves deciduous, broadly oval, lustrous above, furning to 1/3-inch long, turning to bright red in Sep-$2-3$ ft., Each \$1.25; Three \$3.35; Doz. $\$ 12.50$ 3-4 ft., Each \$1.50; Three \$4.05; Doz. $\$ 15.00$

## CYDONIA-QUINCE

Japonica. FLOWERING QUINCE. 5 ft . Scarlet flowers early in spring followed by large, fra grant, quince-shaped, orange fruits. Foliage dark and shiny; growth bushy and dense; makes good pruned foreground.
$15-18$ in., Each 35 c ; Three 95 c ; Doz. $\$ 3.50$ 11/2-2 ft., Each 45c; Three \$1.20; Doz. $\$ 4.50$ $2^{2 / 2-3 ~ f t ., ~ E a c h ~ 60 c ; ~ T h r e e ~ \$ 1.60 ; ~ D o x . ~ \$ 6.00 ~}$


Cornus stolonifera

## DEUTZIA

Gracilis. SLENDER DEUTZIA 3 feet. Dwarf growing, dense, bushy; its drooping branches wreathed with dainty pure white flowers in $12-15$ in Each 35c; Three 95c; Doz . \$3.50 Lemoinei. 5 ft . Large flowers of pure white borne in cone-shaped heads. The next stepup from Gracilis, in height. Both do well in
21/2-3 ft., Each 60c; Three $\$ 1.60$; Doz. $\$ 6.00$ Magnifica. 6 ft . Medium and bushy, with the largest and most double flowers in the 2-3 ft., Each 40c; Three \$1.10; Doz. $\$ 4.00$ 3-4 ft., Each 50c; Three \$1.35; Doz. \$5.00 Scabra candidissima. SNOWFLAKE DEUTZIA. $2-3$ ft. Ebh 40c; Thre

Three \$1.10; Doz. \$4.00 -4 ft., Each 50c; Three \$1.35; Doz. \$5.00
Scabra crenata. FUZZY DEUTZIA. 6 ft , Tall $2-3$ Each 40 c ; Three $\$ 1.10$; Doz. $\$ 4.00$ 2-3
ft., Each
40c; Scabra crenata fl. pl. DOUBLE FUZZY DEUTZIA. 6 ft. Double, white tinged pink. 2-3 ft., Each 40c; Three \$1.10; Doz. \$4.00 3-4 ft., Each 50c; Three \$1.35; Doz. \$5.00 Scabra, Pride of Rochester. PRIDE OF ROCHES TER DEUTZIA. 12 ft . Blooms in May. Flow-$2-3$ ft., Éach, \$0.40; Three \$1.
2.3 ft., Each, \$0.40; Three \$1.10; Doz. \$4.00 $3-4 \mathrm{ft} .$, Each 50 c ; Three $\$ 1.35$; Doz. \$5.00


DIERVILLA—BUSH HONEYSUCKLE
Sessilifolia. SOUTHERN BUSH HONEYSUCKLE KLE. 5 ft . Good sized pink cymes in dense terminal panicles, the yellow tube quite $11 / 2-2$ ft., Each 45 c ; Three $\$ 1.20$; Doz. $\$ 4.50$ 2-3 ft., Each 55 c ; Three $\$ 1.50$; ${ }^{11 / 2-2}$ non. $\$ 4.50$


Hydrangea paniculata-Peegee Hydrangea

## EUONYMUS

Alatus. WINGED EUONYMUS. 10 ft . A tall shrub with corky winged branches, the rich red and crimson of its leaves being very showy in autumn. It is popular as well for $11 / 2-2 \mathbf{f t}$., Each 75 c ; Three $\$ \mathbf{2 . 0 0}$; Doz. $\$ 7.50$ 2-3 ft., Each \$1.00; Three \$2.70; Doz. \$10.00 Americanus. BROOK EUONYMUS. 7 to 8 ft Attractive pink fruit and well-colored foliage in autumn. While it grows under ordinary
conditions, its native habitat is moist locaconditions, its native habitat is moist loca-2-3 ft., Each 75c; Three \$2.00; Doz. \$7.50 Bungeanus. WINTERBERRY EUONYMUS. Tall growing shrub with slender branches and finely serrated ( 2 to 4 inch) leaves. Flow ers appear in numerous small forked cymes succeeded by large, deeply lobed fruits which 3-4 ft., Each \$1.00; Three \$2.70; Doz. \$10.00 4-5 ft., Each \$1.25; Three \$3.35; Doz. \$12.50
Europaeus. EUROPEAN BURNING BUSH. 15 ft A large shrub or small tree, in spring covered nodding clusters, followed by brilliant rosecolored berries, hanging in clusters from the branches till mid-winter. The leaves color a beautiful crimson-scarlet in fall. Stems and 2-3 ft., Each 75c; Three \$2.00; Doz. \$7.50 3-4 ft., Each 90c; Three \$2.45; Doz. \$9.00 4-5 ft., Each \$1.00; Three \$2.70;' Doz. \$10.00

## ELAEAGNUS

Angustifolia. RUSSIAN OLIVE. 20 ft . Useful in tall dense groups for sharp color contrasts Bark dark green, foliage rich silver color willow shape; flowers deep golden and very 3-4 ft., Each 75c: Three \$2.00; Doz. $\$ 7.50$ 4-5 ft., Each \$1.00; Three \$2.70; Doz. \$10.00

## EXOCHORDA—PEARLBUSH

Grandiflora. COMMON PEARLBUSH. 10 ft . It grows vigorously and can be trimmed. The early buds look like pearls strung on slender threads, May opening them up to long gleam-

11/2-2 ft., Each 40c; Three \$1.10; Doz. \$4.00 $2-3$ ft., Each 50c; Three \$1.35; Doz. \$5.00 3-4 tt., Each 60c; Three \$1.60; Doz. \$6.00 $4-5 \mathrm{ft} .$, Each 75c; Three \$2.00; Doz. \$7.50

## FONTANESIA

Fortunei. FORTUNE FONTANESIA. 15 ft . Tall
4 -inch shiny leaves; small white panicles in 2-3 ft., Each 50c; Three \$1.35; Doz. $\$ 5.00$

## FORSYTHIA

Intermedia. BORDER FORSYTHIA. 8 ft . Bushy, 2-3 ft., Each 45c; Three \$1.20; Doz. \$4.50 3-4 ft., Each 60c; Three \$1.60; Doz. \$6.00
Intermedia spectabilis. SHOWY BORDER FORSYTHIA. 8 ft . Broad heavy flowers; bush 2-3 ft., Each 45c; Three \$1.20; Doz. $\$ 4.50$ 3-4 ft., Each 60c; Three \$1.60; Doz. \$6.00
Suspensa. WEEPING FORSYTHIA. 6 ft . Very long, slender incurving branches adapted to arches and trellises, as well as foreground 2-3 tt., Each 45c; Three \$1.20; Doz. \$4.50 3-4 ft., Each 60c; Three \$1.60; Doz. \$6.00

Suspensa fortunei. FORTUNE FORSYTHIA. 8 ft . Tall and spreading; lighting up the garden with glinting masses of yellow, flowers early golden bloom of upright growth; tallest of the group. 2 -3 tt., Each 45c; Three \$1.20; Doz. $\$ 4.50$ 3-4 ft., Each 60c; Three \$1.60; Doz. \$6.00

Viridissima. GREENSTEM FORSYTHIA. 8 ft Brilliant yellowish green wood and foliage; flowers bright yellow. Unfortunately, not $11 / 2 \mathbf{- 2} \mathbf{f}$ Each 35c; Thra. 11/2-2 ff.é Each 35c; Three 95c; Doz. $\$ 3.50$ 2-3 ft., Each 45c; Three \$1.20; Doz. \$4.50.

## HAMAMELIS_WITCH-HAZEL

Virginiana. COMMON WITCH-HAZEL. 15 ft . Valuable because its fringe-like yellow flowers open in November. Grows 10 to 15 feet
tall, with fine leaves that color to yellow, orange or purple. Likes a moist, sandy or peaty soil and partial shade.
11/2-2 \$f., Each 75c; Three $\$ 2.00$; Doz. $\$ 7.50$ 2-3 ft., Each \$1.00; Three \$2.70; Doz. \$10.00


Clethra alnifolia-Summersweet See page 58 .

## HIBISCUS_SHRUB ALTHEA

Syriacus. ROSE OF SHARON. 12 ft . Bloom late in August and September, with a promuch like the tender Hibiscus in form. Se 30 to 36 inches apart, Altheas make quite 3-4 ft., Each 65c; Three \$1.75; Doz. \$6.50

## HYDRANGEA

Arboreseens grandiflora. SNOWHILL HYDRAN GEA. 6 ft . The flowers are similar to the familiar "Snowball"; pure white drying to bronze, remaining on the bush. July to Sep tember. The leaves are rounded
$1 / 2^{-2} \mathrm{ft} .$, Each 60c; Three 1.60; Doz. $\$ 6.00$ aniculata. PEEGEE HYDRANGEA. 10 ft . Large beds or units used as punctuation points tremely showy first snowy white; then ex tremely showy, first snowy white; then pink
then reddish bronze and green. August till 11/2-2 ft., Each 60c; Three \$1.60; Doz. $\$ 6.00$

## HYPERICUM

Patulum henryi. HENRY HYPERICUM. 4 ft An excellent plant with fernlike foliage on golden yellow flowers with yellow stamen tufts and reddish anthers. 00 . Doz $\$ 7.50$ Prolificum. 5 ft Dark glossy leaves. 2-yr., Each 75c; Three \$2.00; Doz. \$7.50

## ILEX—HOLLY

Verticillata
Smal June flowers and保 11/2-2 ft., Each 75c; Three \$2.00; Doz. $\$ 7.50$ $2-3$ ft., Each \$1.00; Three \$2.75; Doz. \$10.00 3-4 ft., Each \$1.25; Three \$2.75; Doz. \$12.50

Deutzia scabra-Pride of Rochester



## KOLKWITZIA

Amobilis.
2-3 ft., Each \$1.00; Three $\$ 2.75$ Doz. $\$ 10.00$ 3-4 ft., Each \$1.25; Three $\$ 3.50$;
Doz. $\$ 12.50$

## LESPEDEZA (DESMODIUM

Formosa.

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## LIGUSTRUM——PRIVET

Amurense.
12-18 in. Doz. $\$ 1.20 ; 100, \$ 7.00$ $18-24$ in., Doz. S1.50; 100 , sil. 1.00 2-3 ft., Doz. $\$ 2.00 ; 100, \$ 14.00$
Ibolium.
IECLUM PRINET. \& ft. A hybrid of

12-18 in., Doz. $\$ 1.25 ; 100, \$ 7.00$ $18-24$ in., Doz. ST1.50; 100,' 511.00 lbota. BCTA PRIVET. Makes up into striking
 Ibota regelianum. REGEL PRIVET.

## LONICERA-HONEYSUCKLE

Bella rosea. ROSY BELLE HONEYSLCKLE. Tall 2-3 ft., Each 50c; Three $\$ 1.35 ;$ Doz. $\$ 5.00$
$3-4 \mathrm{ft}$., Each 65c; Three $\$ 1.75 ;$ Doz. $\$ 6.50$ Fragrantissima. WINTER HONEYSUCKLE. 8 ft . Ecrly pink and white fragrant flowers; lusWhet sheitered. 20 c. Three 51.35 ; Doz. $\$ 5.00$ 3-4 ft., Each 65c; Three \$1.80; Doz. \$6.50 Korolkowi. BLUELEAF HONEYSUCKLE. 10 ft . small ncrrow bluish green leaves on arching
stems. The flowers are a light coral-pink 18-24 in., Each 60c; Three 1.60; Doz. $\$ 6.00$ Moacki. AMLR HONEYSUCKLE. 10 ft . Me-

2-3 ft., Each 50c; Three Si. 35 ; Doz. S5.00 3-4 f., Each 65c; Three \$1.80; Doz. \$6.50 Morrowi. MORROW HONEYSUCKLE. 8 ft . Rourced bush 8 feet. Early creamy white 2-3 ft., Each 50c; Three \$1.35; Doz. S5.00 3-4 ft., Each 65c; Three \$1.80; Doz. \$6.50 Tartarica grandiflora. BRIDE HONEYSUCKLE. eet. Largest flowers of all. Bright rose-
2.3 ft. Each 50c; Three S1.35; Doz 55.00 $3-4 \mathrm{ft}$., Each 65e; Three $\$ 1.80$; Doz. $\$ 6.50$ Tatarica Red. RED TARTARIAN HONEY-
$2-3$ ft., Each 50c; Three S1.35; Doz. $\$ 5.00$ 3-4 ft., Each 65c; Three Si.80; Doz. \$6.50 Tatorica White. WHITE TARTARIAN HONEY2.3 ft ., Each 50c; Three $\$ 1.35$; Doz., $\$ 5.00$ $3-4 \mathrm{ft} .$, Each $65 \mathrm{c}_{\text {; }}$ Three $\$ 1.80$; Doz. $\$ 6.50$


## PHILADELPHUS_MOCKORANGE

ometimes called Syringa, the Mockorange is an old favorite with gardeners and the recent introductions have kept this popularity secure. The flowers range through single and double, many are extremely fragrant and produce They intermittently throughout the season. They are hardy, grow in ordinary soil and $11 / 2-2 \mathrm{ft}$., Each 30 c ; Three 80 c ; Doz. $\$ 3.00$
$2-3 \mathrm{ft}$., Each 40c; Three \$1.10; Doz. \$4.00
3-4 ft., Each 50c; Three S1.35; Dox. \$5.00 Coronarius. SWEET MOCKORANGE. 10 ft . 8 looms in May, in graceful sprays, slightly scented. Largely used for backgrounds and hedges requiring screening height

11/2-2 ft., Each 30c; Three 75c; Doz. $\$ 3.00$
2-3 f., Each 40c; Three \$1.10; Doz. \$4.00 Gordonianus. GORDON MOCKORANGE. 12 ft all; single, white; one of the latest to

11/2-2 ft. Each 30c; Three 80c; Doz. $\$ 3.00$
11/2-2 H., Each 30c; Three 80c; Doz. $\$ 3.00$ 3-4 ft., "Each 50c; Three \$1.35; Doz. \$5.00 Grandiflorus. 8 ft . Tall; very large, single flow-
2.3 ft., Each 40c; Three \$1.10; Doz. \$4.00
$3.4 \mathrm{ft} .$, Each 50c; Three $\$ 1.35$; Doz. $\$ 5.00$

## HYBRID MOCKORANGES

Albatre. 6 ft . Bushy, medium height. Double
2.3 ft., Each 50c; Three \$1.35; Doz. \$5.00
$3-4$ ft., Each 60c; Three $\$ 1.60$; Doz. $\$ 6.00$
Favorite. 10 ft .3 -inch flowers; a white and
$2-3$ ft., Each 60c; Three $\$ 1.60$; Doz. $\$ 6.00$ Ophelia. 6 ft . Very fragrant, crinkly, mostly double flowers; flesh-white with white gold tamens. Medium and bushy

2-3 ft., Each 60c; Three \$1.60; Doz. \$6.00 Virginal. 8 ft . The bush grows moderately tall, with good foliage and compact habit. In very large, semi-double and fragrant flowers sional flowers, usually not double . Oecao appear during summer and faill continue 2-3 ft., Each 40c; Three $\$ 1.10$; Doz. $\$ 6.00$ PHYSOCARPUS—NINEBARK
Opulifolius. COMMON NINEBARK. f. Growth upright, attaining up to 10 feet, although the white, heavy flower umbels in June make the branches droop; old flower heods turn to dark red, and make a striking variety of 2-3 ft., Each 40c; Three \$1.10: Doz. \$4.00 3-4 ft., Each 50c; Three $\$ 1.35$;
Opulifolius luteus, GOIDENLEAF NINEBARK 10 ft Of similar habit to above, with young foliage of bright above, with young foliage of bright the foll. The contrasting red fruit is very pleosing

2-3 ft.; Each 40c; Three $\$ 1.10$
3-4 ft., Each 50c; Three $\$ 1.35$ PRUNUS
Glandulosa. DOUBLE PINK FLOWERING ALMOND. 10 ft . Early spring-flowering shrubs in full bloom before leaves appear, with beautiful, double rose or white flowers, snug-$15-18$ in. Eo the twigs. 50 . Three $\$ 1.35$. Doz. $\$ 5.00$ $11 / 2-2 \mathrm{ft}$., Each 60 c ; Three $\$ 1.60$ Doz. $\$ 6.00$


Spirea trichocarpa－Korean Spirea

## RHAMNUS－BUCKTHORN

Cathartica．COMMON BUCKTHORN． 12 ft．A
dense twiggy bush for backgrounds，with dense twiggy bush for backgrounds，with
dark foliage relieved by masses of midsum－ mer white flowers followed by red to black berries．Buckthorn is most commonly used， however，as a medium height，pruned，both ornamental and protective hedge
11／2－2 ft，Each 40 c ；Three 51.10 ；Doz．$\$ 4.00$ 2－3 ft．，Each 50 c ；Three $\$ 1.35$ ；Doz．$\$ 5.00$ frangula．＇GLOSSY BUCKTHORN． 12 ft．Leaves dark glossy green，paler beneath，changing for autumn into tones of yellow，orange and red．Fruits progress from red to black
18－24 in．，Each 40c；Three \＄1．10；Doz．$\$ 4.00$ 2－3 ft．，Each 50c；Three \＄1．35；Doz．\＄5．00

## RHODOTYPOS＿JETBEAD

## Kerrioides． 6 ft ．An attractive shrub of excel

 lent habit，with beautiful yellowish green corrugated foliage and large，single white flowers late in May，black seeds following． $11 / 2-2$ ft．r Each $50 \mathrm{c} ;$ Three $\$ 1.35$ ；Doz．$\$ 5.00$$2-3 \mathrm{ft}$, Each 65 c ；Three $\$ 1.75$ ；Doz．$\$ 6.50$

## RHUS－SUMAC

Conodensis．FRAGRANT SUMAC． 6 ft ．Grows 2 to 6 teet tall；fiowers yellow，in clusters 2－3 ft．，Each \＄1．00；Three \＄2．70；Doz．$\$ 10.00$ Cotinus．SMOKETREE；PURPLE FRINGE 12 ft with large round with large round leaves；overhung in mid－ summer by mist－like clouds of tiny flowers． These billowing panicles are a light laven－ der when fresh，very persistent，and give the impression of smoke at a distance． are apt to become twisted and gnarly，charm $11 / 2-2$ ft．，Each 90 c；Three $\$ 2.55$ ；Doz．$\$ 9.00$

## ROBINIA

Hispida．ROSE－ACACIA． 6 ft．An elegant shrub，with light green pinnate leaves and long，graceful clusters of pea－shaped，rose－
colored flowers in June and oftem later． colored flowers in June and oftem ater． $\mathbf{3 . 4} \mathrm{ft}$ ．，Each 53.25 4－5 ft．，Each $\$ 3.75$

## SAMBUCUS－ELDER

Canadensis acutiloba．CUTLEAF AMER CAN ELDER． 10 ft ．Foliage large sum deeply laciniated，white，mid－ broader flowers，fragrant，in great s；black fruits．
$11 / 2-2 \mathrm{ft}$ ，Each $45 \mathrm{c} ;$ Canadensis aurea．GOLDEN ELDER． 10 ft ．Rather massive，attractive leaves of conspicuous yellow；white cymes． 18－24 in．，Each 45 c； Three \＄1．20；Doz．$\$ 4.50$

SORBARIA—FALSE SPIREA Sorbifolia．URAL FALSE－SPIREA． 6 Handsome soft－wooded shrubs of quick development；partial to rich， moist soil and moderate shade．In make fine subjects for foundation screens or medium height backgrounds right，with many arching branches and fresh green leaves like the Mountain Ash．Profuse bloom，June－July，in feathery panicles，pure 18－24 in．，Each 50c；Three \＄1．35；Doz．$\$ 5.00$
$2-3$ ft．Each 60c；
Three $\$ 1.60 ;$ Doz．$\$ 6.00$ Rhodotypos kerrioides－a fine plant for shady places

## SPIREA

Anthony Waterer． 3 ft．Becutiful dark sme foliage；dense rounded growth，and large brilliant rose－crimson corymbs，ct ts best for foundation plartings and low borders than any other dwart shrub．Plant about 2
12－15 in．，Each 35c；Three 95c；Doz．\＄3．50 Biliardi．BILLIARD SPIREA．$\leqslant$ t ．Numeroli cense uprig

18－24 in． Each 30 c ；Three 80 c 2－3 ft．，Each 40c；Three $\$ 1.10$
Douglasi．DOUGLAS SPIREA． 8 ft．U＇pright reddish brown branches and narrow，oblons

18－24 in．，Each 35c；Three 75 e
2－3 ft．，Each 40c；Three $\$ 1.10$
Froebeli，FROEBEL SPIREA． 4 ft ，similar to Anthony Waterer，but a trifle taller，fuller， summer leaves．These are a beautiful somony bronze－red in spring，and again in the fall．Reddish pink flowers in dense $18-24$ in．，Each 50 c ；Three S1．35；Doz． 55.00 $24-30$ in．，Each 60c；Three \＄1．60；Doz．$\$ 6.00$
Japonica ovalifolia（Spirea callosa aiba） WHITE JAPANESE SPIREA． 3 ft ．Large，flat clusters of white flowers，nearly a summer 12－15 in．，Each 40c；Three $\$ 1.10$ ；Doz．$\$ 4.00$ Prunifolia．BRIDALWREATH． 8 ft ．Plum－ leaved foligge which early in autumn turns to


Thunbergi．THし，ヨERG SFREA．ミf．Forms＝ －nt er on gree crorge in on ung do brist red cry
15－18 in．，Each 40c；Three S1．10；Doz． 54.00 Trichocarpa．KOREA S SPIREA． 4 4．A herc－ craracter，but with interesting differerces
 ters．These cppear a shor socse socicu
$18-24$ in．Each 40 e；Three $\$ 1.10$ ；Doz．$\$ 4.00$ 2－3 ft．，Each 50c；Three S1．35；Doz．S5．00 3.4 ft ．，Each 60c；Three 51.60 ；Doz．$\$ 6.00$ Van Houttei． $\qquad$
aner brerches fire twigs o－d
roidenher fo＇sce mey be lét urorured
11／2－2 ft．，Each 20c；Three 55c；Doz．S2．00；
2－3 f．，Each 25c；Three 70c；Doz．S2．50；
3－4 ft．，Each 30e；Three 80c；Doz．$\$ 2.50$
100，$\$ 20.00$
4－5 ft．，Eoch 40e；Three $\$ 1.10$ ；Doz．$\$ 4.00$ ．
$100, \$ 27.00$

## STEPHANANDRA

Flexuose．CUTLEAF STEPHA VANDRA Eft．Ar borders of other shruzs，and racky banks． Eranches angular，even zig－zegged，with hrcsome deed azed to aje wrike co：ors
 18－24 in．，Each 40c；Three S1．10；Doz．S4．00

SYMPHORICARPOS＿SNOWBERRY
Chenaulti．RED S．NOWEERRY． 5 f．Fire e－ser：iecves inirrer

1／2－2 ft．，Each 35c． Three 95e；Dox．$\$ 3.50$ 2－3 fy Each 45 c Three $\$ 1.20$ ；Doz． 54.50
Racemosas． CMMO $\qquad$
$\qquad$ f．IncorsD chous rose－co orec fow ers in Jume ごこ－ub foiomed b： fruits which remen far into winter Greem laves are ova and gavecus Three 95c；Doz，\＄3．50 2－3 ft．，Each 45 c ： Three \＄1．20；Doz．$\$ 4.50$ Vulgaris．CORALEERRY able shrubs， 3 to $5 \mathrm{H}, ~$ niniv va ued for use in densely shaced stuc： and for the striking becu－ leaves ard ergert，zersiste currant．Similar to Srowberry exeezt i－こ clustering in thick roces alorg the we g－tec down stems；also，the smal！er：Do tea ecvas are dark．

11／2－2 ft．，Each 35 c ；Three 95 c ；Doz． 53.50 2－3－2 f．，Eoch 45c；Three 51.20 ；Dos． 54.50


## SYRINGA——ILAC

Chinensis (rothomagensis). CHINESE LILAC. 10 ti. Medium growing, with slender branches bloom matures bright pink. 18.24 in. Each 70c; Three $\$ 1.90$. Doz $\$ 7.00$ $2-3 \mathrm{ft} .$, Each 80 c ; Three $\$ 2.15$; Doz. $\$ 8.00$
Villosa. LATE LILAC. 8 ft. Medium growth; broad, downy leaves; pinkish lilac flowers in 18-24 in., Each 50 c ; Three $\$ 1.35$; Doz. $\$ 5.00$ 2-3 ft., Éach 60c; Three \$1.60; Doz. \$6.00 Vulgaris. COMMON BLUE LILAC. 15 ft . Most suitable for tall hedges and in shade. Beau-18-24 in., Each 40c; Three \$1.10; Doz. $\$ 4.00$ 2-3 ft., Each 50c; Three \$1.35; Doz. \$5.00 $3-4 \mathrm{ft} .$, Each 60c; Three $\$ 1.60 ;$ Doz. $\$ 6.00$ Vulgaris alba. COMMON WHITE LILAC. 15 ft. Tall, slender, panicles pure white, fragrant.
18-24 in., Each 50c; Three $\$ 1.35$; Doz. $\$ 5.00$ $2-3 \mathrm{ft}$. , Each 65c; Three \$1.75; Doz. \$6.50 3-4 ft., Each 75e; Three \$2.00; Doz. \$7.50

## FRENCH HYBRID LILACS

Perfected flower types in form, color and size.

## Named Varieties

Alphonse Lavallee. Double. Intense blue Belle de Nancy. Double. Deep pink Charles Joly Double Purple-red Charles the Tenth. Single. Bluish violet-red Congo. Single. Large, wine-red.
Edouard Andre. Double. Clear rose. Georges Bellair. Double. Dark purple Jaeques Calot. Single. Violet-red. La Tour d'Auvergne. Double. Purple. Ludwig Spaeth. Single. Red.
Marie Legraye. Single. Pure white. Michel Buchner. Double. Rich lilac bicolor Mme. Abel Chatenay. Double. White. Mme. Lemoine. Large. Double. White Obelisque. Double. White. President Carnot. Double. Lilac. President Grevy. Double. Light blue. President Loubet. Double. Red. Reaumur. Single. Subdued rose-red Violetta. Semi-double. True violet-red Viviand-Morel. Double. Lilac. Waldeck-Rousseau. Double. Violet 18-24 in., Each \$1.00; Three \$2.70; 2-3 ft., Each \$1.25; Three \$3.35; 3-4 H., Each \$1.50; Three \$4.05. Doz. \$15.00

## TAMARIX

Africana. AFRICAN TAMARIX. 15 ft . Tall; reddish brown bark, Juniper-like foliage. 2-3 ft., Each 45c; Three $\$ 1.20 ;$ Doz. $\$ 4.50$ 3-4 ft., Each 60c; Three \$1.65; Doz. \$6.00 Gallica. FRÉNCH TAMARIX. 10 ft . Leaves dull bluish green; buds globose, flowers fleshwhite in delicate panicled racemes. May 2-3 2-3 ft., Each 45c; Three \$1.20; Doz. \$4.50 Odessana. É Each 60c; Three \$1.65; Doz. \$6.00 quisitely feathered bluish foliage; lavender pink panicles in July and August. $\$ 5.00$ $3-4$ feet., Each 65 c; Three \$1.75; Doz. \$6.50


Tamarix africana

## WEIGELA

Floribunda. CRIMSON WEIGELA. 8 ft . Crim son flowers at
18-24 in., Each 50c; Three \$1.35; Doz. $\$ 5.00$ 2-3 ft., Each 65c; Three \$1.75; Doz. \$6.50 Rosea. PINK WEIGELA. 8 ft . Early flowering Rose colored. Dwarf to medium 18-24 in.e Each 30c; Three 80c; Doz. $\$ 3.00$ 2-3 fr., Each 40c; Three \$1.10; Doz. \$4.00 3-4 ft., Each 50c; Three \$1.35; Doz. \$5.00

## HYBRID WEIGELAS

Abel Carriere. For medium and back rows Flowers are stemless bells in clusters along he stems. May into July.
18-24 in., Each 35c; Three 95c; Doz. \$3.50 2-3 ft., Each 45c; Three \$1.20; Doz. \$4.50
Eva Rathke. 5 ft . Most distinct variety, being later (July) and most conspicuous with its deep carmine-red flowers.
18-24 in., Each 50c; Three \$1.35; Doz. $\$ 5.00$ 2-3 ft., Each 65c; Three \$1.75; Doz. \$6.50 Van Houtte. 8 ft . Flowers broad and flat deep rosy red with orange markings in the throat
$11 / 2 \mathbf{- 2}$ ft., Each 35c; Three $95 \mathrm{c} ;$ Doz. $\$ 3.50$ 2-3 ft., Each 45 c ; Three $\$ 1.20$; Doz. \$4.50 Hybrida nana variegata. DWARF VARIEGATED WEIGELA. 5 ft . Dwarf; variegated leaves, broodly margined in creamy white; flowers pink.
18-24 in., Each 40c; Three \$1.10; Doz. \$4.00 2-3 ft., Each 50c; Three $\$ 1.35$; Doz. $\$ 5.00$

## VIBURNUM

Americanum. AMERICAN CRANBERRYBUSH 10 ft . Broad flower corymbs with usually only the outer fringe fully opened. Fruits bright scarlet, from July until spring 18-24 in., Each 60c; Three \$1.60; Doz. \$6.00 2-3 ft., Each 75 c ; Three $\$ 2.00$; Doz. \$7.50 Burkwoodi. 4 ft . This is the improved Carlesi The flowers are waxy blush-white, deliciously fragrant, and are produced in early spring when the leaves are unfolding. The plants grow to a height of about 4 feet and the width is about $11 / 2$ times the height. The foliage is an outstanding quality of the plant through the summer and closes the season with a brilliant fall coloring. One of the best plants of recent introduction.

18-24 in., Each \$2.50; Three \$6.75; 2.3 tt., Each $\$ 3.00$. Three $\$ 8$ 10. Doz. $\$ 30$ Dilatatum Dilatatum. LINDEN VIBURNUM. 10 ft . A handsome, upright and bushy shrub with
thick, roundish leaves like the lindens. Flowthick, roundish leaves like the lindens. Flowers pure white in short-stemmed cymes
The late season aspect is even more attractive, when the branches are laden with per sisting scarlet fruits.
2-3 ft., Each \$1.00; Three \$2.70; Doz. $\$ 10.00$ $3-4$ ft., Each \$1.25; Three \$3.35; Doz. \$12.50 Lantana. WAYFARING-TREE. 15 ft . Beautifu Iantana-like leaves; with flowers in May and June. Fruits color unequally from crimson to 2-3 ft., Each 70c; Three \$1.90; Doz. $\$ 7.00$ 3-4 ft., Each 80c; Three \$2.00; Doz. \$8.00 Lentago. NANNYBERRY. 20 ft . Tall; cymes of white during May and June, followed by 2-3 ft Each
-3 ft., Each 70c; Three \$1.90; Doz. $\$ 7.00$ 3-4 ft., Each 80c; Three $\$ 2.15$; Doz. $\$ 8.00$ Molle. KENTUCKY VIBURNUM. io ft. Tall: coarsely indented leaves glaucous above, hairy beneath. Small white cymes in spring; blue-black August fruits.
2-3 ft., Each 60c; Three \$1.60; Doz. $\$ 6.00$
3-4 ft., Each 70c; Three \$1.90; Doz. \$7.00 Opulus. EUROPEAN CRANBERRYBUSH. 10 ft Broad, brilliant green foliage; a rich setting for large bunches of crimson berries which persist on bare branches into the winter. Flowers in dense cymes about 4 inches 2-3 ft., Each 65c; Three \$1.70; Doz. \$6.50 3-4 ft., Each 80c; Three \$2.15; Doz. \$8.00 Opulus nanum. DWARF CRANBERRYBUSH. trous, Compact, rourided, with darkly usVery valuable for low edging. 6-9 in., Each 70c; Three \$1.90; Doz. $\$ 7.00$ 9.12 in., Each 80c; Three \$2.15; Doz. $\$ 8.00$ Opulus sterile. COMMON SNOWBALL. 10 ft . white balls of bloom for Decoration Day. $11 / 2-2$ ft., Each 60c; Three $\$ 1.60$; Doz. $\$ 6.00$ $11 / 2-2 ~ f t . \prime$ Each $60 \mathrm{c} ;$ Three $\$ 1.60$; Doz. $\$ 5.00$
$2-3 \mathrm{ft}$., Each 70c; Three $\$ 1.90$; Doz. $\$ 7.00$ Sieboldi. SIEBOLD VIBURNUM. 10 ft. Tall, stoutly branching, long, ova leaves dark and glossy, pubescent beneath. Early summer creamy white flowers; pink fruits ripening black.
2-3 ff., Each 75c; Three \$2.00; Doz. \$7.50 Tomentosum. DOUBLEFILE VIBURNUM. 8 ft Large, flat umbel-like cymes with margina white flowers in May. Bush broad and symmetrical, with corrugated bronze-green foliage, purple-hued beneath. Fruits red, changing to blue-black
2-3 ft., Each 75c; Three \$2.00; Doz. $\$ 7.50$ $3-4 \mathrm{ft} .$, Each 90 c ; Three $\$ 2.45$; Doz. $\$ 9.00$ VITEX
Agnus castus. LILAC CHASTE-TREE. 4 ft $18-24$ in., each, 40 c ; 3, $\$ 1.10$; doz., $\$ 4.00$ Macrophylla. CHASTE-TREE. 4 ft. A very desirable medium size. Leaves large, deep pointed like stars. From July till early frosts, there is a fairly continuous display o beautiful, large, distended, upright panicles clusters; rich lavender-blue.
2-3 ft., Each, $50 \mathrm{c} ; ~ 3, \$ 1.35 ;$ doz., $\$ 5.00$
$3-4 \mathrm{ft.}$, Each, 75 c; 3, $\$ 2.00$; doz., $\$ 7.50$

Viburnum tomentosum
Viburnum sieboldi

[62]
$W$ eigela rosea
Viburnum burkwoodi

 (See page 57)

Elaeagnus angustifolia
(See page 58


Lonicera tatarice See page 60)


Khus canadensis (See page 61)

llex verticillata

## Kolkwitzia amabilis -- Beauty Bush

In situations which call for a single, rather large, showy shrub-and there are many such-nothing can excel Kolkwitzia, for it has unusually good foliage that covers the plant well and is lovely beyond description during its blooming season in June. It is also good when used as a medium tall unit near the background of shrub plantings and for foundation pla
Offered on page 60.


Vitex macrophylla-Chaste tree (See page 62)


Ligustrum ibota regelianum-Regel Privet
(See page 60)
Berberis thunbergi atropurpurea-Red-Leaf Barberry



## AKEBIA

Quinata. FIVE-LEAF AKEBIA. Fast growing, foliage never attacked by insects, produces chocolate-purple flowers in large clusters, possessing a delicious perfume. 2-year. Each 55c; Three \$1.50; Doz. \$5.50

## AMPELOPSIS

Quinquefolia. VIRGINIA CREEPER. 35 ft . Deeply cut leaves turn to crimson in fall; fine for covering trees, fences, rocky slopes, etc. 2-year.

Each 35c; Three $\$ 1.00$; Doz. $\$ 3.50$
Engelmanni. ENGELMANN CREEPER. A vigorous, clinging climber densely clothed with foliage clusters of five small leaflets. Their young growth is coarsely toothed, with a purplish tinge maturing dull green slightly blued beneath, but both leaf and twig a bright scarlet in autumn. 2-year.

Each 35c; Three \$1.00; Doz. $\$ 3.50$
Tricuspidato veitchi. JAPANESE CREEPER or BOSTON IVY. 40 feet. The finest hardy climber for covering walls, as it clings firmly to the smoothest surface, covering closely with overlapping foliage like shingles; a deep green in summer, changing to crimsonred. It is this stately vine which with its dense coverage of restful green, mellows the walls of old churches, and square-cut, walls of obld churches, 'The first year it is sombre public build ings. The first year iots
mainly concerned with establishing roots; mainly concerned with establishing roots,

Each 40c; Three \$1.10; Doz. $\$ 4.00$
Tricuspidata Lowi. GERANIUM CREEPER. A variation from veitchi, with similar teaves more deeply lobed and somewhat twisted. 2-inch pots.

Each 40c; Three \$1.10; Doz. $\$ 4.00$

## CLEMATIS

Paniculata. SWEET AUTUMN CLEMATIS. The flowers are of small size, fragrant, pure white, borne in immense sheets in September when few other vines bloom. 2-year. Each 50c; Three \$1.35; Doz. \$5.00

## LARGE FLOWERING CLEMATIS

Henryi. WINTER CLEMATIS. Creamy white 2-year.

Each 75c; Three \$2.00 Jackmani. JACKMAN CLEMATIS. 10 ft . Velvety violet. 2-year. Each 75c; Three $\$ 2.00$ Comtesse de Bouchard. Satiny crimpled petals, tender lilac-pink margins, the interior streamed with softest yellow. 2-year

Each \$1.25; Three \$3.50 Duchess of Edinburgh. Large, multi-petaled, gracefully recurved; gleaming white, the central tuft gilded. 2-year

Each \$1.25; Three \$3.50
Madame Edouard Andre. 8 ft . Crimson-recl. 2-year.

Each 75c; Three $\$ 2.00$
Madame Baron Veillard. Moderate sized flowers in clusters, very free, warm lilac-rose stained burgundy. 2-year.

Each \$1.25; Three $\$ 3.50$
Ramona. Deep sky-blue. 2-year. $\begin{aligned} & \text { Each } 75 \text { c; Three } \$ 2.00\end{aligned}$ Ville de Lyon. Brilliant carmine-red with darker center. 2-year.

Each \$1.25; Three $\$ 3.50$

## Harry Yines

THE PRICES SHOWN COVER DELIVERY BY MAIL, POSTPAID.

## BIGNONIA

Radicans. TRUMPET CREEPER. 30 ft . A robust woody, fern-leaf vine, twining tightly with numerous roots along its stems. Large trum pet shaped, orange-scarlet flowers cluster at the tips of branches. 2-year.
Each 35 c; Three $\$ 1.00$; Doz. $\$ 3.50$

## CELASTRUS

Scandens. AMERICAN BITTERSWEET. 25 ft Glossy foliage and large clusters of orangecrimson fruits retained all winter. Its beau tiful, graceful sprays of berries make chorming winter house decorations 2-year

Each 40c; Three \$1.10; Doz. $\$ 4.00$
Orbiculatus. ORIENTAL BITTERSWEET. 20 ft . Orange-yellow fruit. 2 -year.

Each 40c; Three \$1.10; Doz. $\$ 4.00$
Euonymus. EVERGREEN BITTERSWEET. See page 28
Hedera. ENGLISH IVY. See page 28.

## LONICERA

Goldflame. The sensational new optional vine or shrub. Immense showy clusters of trumpetshaped buds and frogrant blooms. The outside of the petals is a brilliant flame-pink the inside a creamy golden yellow. The foliage is dark and glossy which adds to the charm of the plant. May be sheared to charm of the plant. May be sheared to hedge form or allowed to grow naturally as 2 -year.

Each 75c; Three \$2.00; Doz. $\$ 7.50$ Japonica halliana. HALL JAPANESE HONEY SUCKLE. Flowers a mingled white and yel low. Extremely fragrant and satisfactory on shaded lattice, or as a matted bank covering. 2-ye

Each 35c; Three \$1.00; Doz. \$3.50 Periclymenum belgica. DUTCH WOODBINE Numerous sprays of large red and yellow flowers. 2 -year

Each 40c; Three \$1.10; Doz. \$4.00 Sempervirens. TRUMPET HONEYSUCKLE. Foliage practically evergreen, the flower trum pets brilliant red. 2 -year.

Each 40c; Three \$1.10; Doz. \$4.00

## LYCIUM

Chinense. CHINESE MATRIMONY VINE. Purple flowers, long, scarlet berries. Good foliage and character for climbing use, valuable also for deep 35 c . Three $\$ 100$ cover. L-year

## PASSIFLORA ALATO-CAERULEA

Passiflora pfordti. PASSIONFLOWER. The 4to 6 -inch fragrant flowers ore waxy; sepals greenish white; petals pink; the numerous needle-like filaments black-purple at base then blue-purple, with pointed white tips; the heavy protruding stamens branched like a cross. Foliage dark green in three broad lobes and heavy base.
$21 / 4$ in., Each 30c; Three 75 c.

## POLYGONUM

Auberti. CHINA FLEECEVINE (Silver Lace Vine). A quick growing vine of twining habit making strong development the first season, with small foliage. Produces more bloom than any other hardy vine, a season extend ing from late summer into fall with an extravagance of foamy, silvery white sprays 2 -year.

Each 50c; Three \$1.35; Doz. \$5.00

## PUERARIA

Thunbergiana. KUDZU BEAN. Large foliage and dense shade, of finished character in one season. Flowers plentiful in August; rosy purple, pea-shaped-in small racemes. A handsome and serviceable porch vine wherever it is winter hardy. 2-year

Each 25 c ; Three 65 c ; Doz. $\$ 2.00$

## WISTERIA

Sinensis. CHINESE WISTERIA. Distinguishea subjects for pergolas, porches and trellises with attractive and magnificent dense massive, drooping clusters of pea-shaped purple flowers.

Each 75c; Three \$2.00; Doz. $\$ 7.50$


Lonicera japonica halliana-Hall's Japanese Honeysuckle


Polygonum auberti-China Fleecevine or Silver Lace Vine

Clematis jackmani


## Apple Crees

Prices: $11 / 16$ in. cal., 5-7 ft., Each 65c; Ten \$5.50; $100 \$ 50.00$

## All Fruit Trees Are Sent by Express or Freight Collect

## Set trees 40 feet apart each way. Months named are periods fruit is

Rome Beauty. Large, yellow, shaded red tender, juicy, sub-acid. Trees come in to bearing early, bear annually. Even in a high wind the fruits persist on the long stems and flexible branches. No-vember-May.
Smokehouse. Fruit uniform in size, sym metrical and attractive in appearance a very fine flavored dessert apple. Trees are vigorous, wide spreading and dense. October-March.
Stayman Winesap. Improved Winesap, larger and more prolific. Fruit large green to yellow and overlaid with a dull red. A variety orchards. December-April.
Steele's Red. A long keeping market apple of excellent color. Fruit well-formed, fine grained, juicy sub-acid

## WINTER APPLES

Baldwin. Large cooking apples, bright red, crisp tender and juicy. November
Belmont. Fruit waxen, yellow, with beautifu bright blush, medium or large. A choice des sert or cooking apple. October-February
Cortland. A sturdy tree, high quality fruit Derived from McIntosh; two weeks later Fruits large, round, with heavy overlay of shaded reds; brittle texture, luscious juicishaded reds; brittle textur
Delicious. Fruit large, dark red, flesh fine grained, crisp and melting, juicy with a de ightful' aroma; annual bearer. November
Fall Pippin. Greenish yellow. Large excellent fall apple for cooking and dessert. Home and local market. Late September-January Fameuse. SNOW. Well known early winter apple. Snow-white flesh, from which it takes its name. Medium size. Deep crimson in color. Juicy and very pleasant to eat out of hand. Tree very hardy and productive. No-vember-December
Gallia Beauty. RED ROME. An improvement on Rome Beauty. A brilliant, solid red color. It blooms late in May thus reducing chance of late frost damage to blossoms. Crisp, juicy flavor. November-May.
Grimes Golden. Yellow, sub-acid flovor. Novem-ber-January
Jonathan. Among very best in both appearance and quality. Brilliant red underlaid with yellow. Highly valued for table and cooking. November-January.
Kendall. Solid dark red. Mcintosh type and flavor, but a better keeper. Recent introduction of the New York Fruit Testing Association. Very promising
King. The fruit has a beautiful red color, with enough clearly contrasting yellow to make a very attractive appearance. Excellent for either dessert or ordinary use. OctoberMarch.
Macoun. Latest of the McIntosh strain; dark red with less striping, and heavier bloom About six weeks later than McIntosh, keeps well. November-January
McIntosh. Deep crimson, highest quality apple uniquely beautiful. Best suited for northern sections. Delicious flavor, medium size, even form. November-February.
Milton. A Mclntosh-like apple ripening a month earlier. Tree hardy, vigorous, annual bearer Fruit pinkish red with heavy bloom. Flesh white, tender, crisp, juicy. October-Morch.
Northwestern Greening. Very hardy; vigorous grower. Fruit is attractive yellow color, firm with crisp fles
January-June.
Northern Spy. Dependable late bearer. Large striped fruit, excellent for all purposes, delicious flavor. November-March.
Opalescent. For beauty, large, very handsome dark crimson apple, shapely and uniform in size; a veritable feast to the eye. The quality, while not the best, is very good November-February
Red Delicious. A segregated strain of the popular Delicious, varying only in the rich, solid red color of fruit. Bears at an earl Red Northern Spy. A distinct new type of this leading and dependable variety of apple. A solid red which increases its market appea Decembe
Red Rome Beauty. See Gallia Beauty
Rhode Island Greening. The most popular green cooking apple for winter use. Fruit large and iuicy, pleasantly ocid taste. Octo
ber-March.

Tolman Sweet. Considered the leading sweet apple variety. Medium to large size fruit pale yellow shaded with red. In demand for pickling, boiling and baking. November-
Turley. A seedling of Winesap which it somewhat resembles. Conical, rich red and of highest quality. A recent introduction, bears early and is fast gaining popularity. Decem ber-May.
Wealthy. White fleshed, juicy and vinous; medium size, smooth, round, deep red, indis pensable in colder regions.
Winter Banana. Early bearer. Yellow shaded bright crimson; flesh fine grained, rich subacid, aromatic, large and abundant fruit of high quality. October-March.
Yellow Delicious. Same delicious quality, but the color is a clear, bright yellow, tastes more mild and even better than Grimes Golden. Should not be gathered for storage until fully matured. November.
York Imperial. JOHNSON'S FINE WINTER. Medium, oblong, angular, oblique, smooth yellow shaded red, indistinct red stripes flesh yellow, firm, juicy, sub-acid, good. An excellent shipping applé, brings high prices. November

## FALL APPLES

Gravenstein. Large, striped, irregularly russeted; very good taste. September-October
Maiden Blush. Large, beautiful blush cheek pleasantly subquality good especially for cooking purposes. Rambo. Medium
Rambo. Medium, yellow, streaked red. Very Twenty unce Large, excellember
Twenty Ounce. Large, excellent cooking and baking apple, striped and splashed red on a rich yellow background, uniform in size.
Stands handling better than any other fall Stands handling better than
apple. September-November.
Wagener. Good size, deep red in the sun flesh firm, sub-acid, excellent quality. One of the first and most profuse bearers. Octo-ber-February
Western Beauty. Pale yellow, shaded bright red. Large crisp, tender, mild sub-acid. September.

Duchess of Oldenburg. Good size yellow cooking apple, streoked red, juicy, rich, sub-ocid productive. Bears young. August-September Early Harvest. Earliest summer apple of good quality. Excellent for dessert or cooking small core. Medium, pale yellow, tender,

Early McIntosh. A Mclntosh apple ripening in August, recently introduced. Medium, bright solid réd; clear white flesh. Juicy, sub-acid flavor.
Golden Sweet. The best Sweet we know. Vig orous grower; productive. Hasn't a fault August-September
Lodi. IMPROVED YELLOW TRANSPARENT Quality is similar to Early Harvest but it is earlier and a more reliable cropper. Medium
Melba. A new central Canadian introduction resembling Mclntosh in aroma, flesh and flavor: but of a different shape, with attrac tive red-stripe color. August. Excellent dessert qualities.
Red Astrachan. Large, beautiful deep crimson striped, a beautiful summer apple for home orchards. Excellent for dessert when fully ripe. July-Auqust
Red Duchess. Sport of Duchess. Fruit large symmetrical, skin moderately thick, flesh yellowish white, firm, juicy, sub-acid. Áugust
Sweet Bough. Large, pale yellow; tender sweet. Suitable for local and roadside trade deserves a place in every home orchord.
Yellow. Transparent. A standard apple where earliness is essential. Tree comes into bearing at an early age. Fruits are large, have a smooth, waxy, yellow skin, sprightly, sub acid flavor. Late July-August.


## DWARF APPLES

et trees 12 feet apart each way
Dwarf fruit trees have increased in popularity within recent years as people have learned to appreciate their particular advantages when compared to standard trees.
The advantages of Dwarf Fruit Trees over Standard Fruit Trees can be summarized as follows:

The home gardener can enjoy a greater assortment of varieties as more trees can be grown in a given area; the trees come into bearing earlier; picking the fruit and general care of the smaller trees is more easily accomplished.

Dwarf apples are and have been, scarce throughout the country for a number of years. We are fortunate therefore to have limited supply of the following varieties to offer. 2supply of the following varieties
year, $5-8 \mathrm{in}$. caliper, 4 ft . and up.

## Delicious.

Mclintosh.
Red Astrachan.

Each \$2.50; Ten \$22.50 Wealthy.
Yellow Transparent.

## CRAB APPLES

The crab apples are smaller than other apples and bear much small acid fruit greatly desired for preserving. They require little space compared to other apples and are very useful as ornamental trees, especially because of their spring flowering. Prolific. Prices same as standard apples.
Dolgo Crab. The aristocrat of the crab apple family. It has a striking appearance with its brilliant crimson fruit. Truly of rare beauty as an ornamental tree. The fruit is full of juice, jells easily and makes a rich ruby-red elly. Tree is hardy, vigorous and productive Early September
Hyslop Crab. Large round fruits; deep crimson; one of the most popular crabs for jelly The tree is very hardy, vigorous and producTive. October-January,
Whitney Crab. One of the largest, glossy green heavily splashed carmine, firm, juicy, pleasant, great bearer; excellent for cider. August Transcendent. A handsome apple for dessert and preserving. Early autumn

## $\mathcal{P e a c h}^{C_{\text {rees }}}$

## Prices:

| 4-5 ft., Each 40c; Ten $\$ 3.00 ;$ | 100 | $\$ 25.00$ |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| $3-4$ | ft., Each | $30 \mathrm{c} ;$ | Ten $\$ 2.50 ;$ | 100 | $\$ 20.00$ |
| $2-3$ | $\mathrm{ft} .$, | Each $25 \mathrm{c} ;$ Ten $\$ 2.00 ;$ | 100 | $\$ 15.00$ |  |

$3-3 \mathrm{ft} .$, Each 25 c ; Ten $\$ 2.00 ; 100 \$ 15.00$
Set trees 18 feet apart.
Peaches can be very easily grown in home gardens nearly everywhere in the United States They are becoming a very profitable commercial item in the Great Lakes area, where the climat is ideal for vigorous growth and productiveness. Beer's Smock. Choice late yellow; annual bearer. Belle of Georgia. Skin white with red cheek; fruit of great beauty; flesh white, firm and of excellent flavor; very prolific. Early. September.
Capt. Ede. Handsome, large, yellow, in demand in the markets either for dessert or culinary purposes. Distinct almond flavor.
Carman. Large, creamy white with deep blush; skin tough, flesh tender, fine flavor and quite juicy. Tree will withstand all manner of soil and climatic conditions.
Champion. An extremely large, handsome early variety, creamy white with red cheek, sweet, rich and juicy. A distinctive honeyed flavor. One of the most vigorous and healthy trees. August.
Crawford, Early. A large yellow, quality unsurpassed. One of the most commonly grown freestone peaches. September
Crawford, Late. A superb, large yellow peach. Freestone. Adaptable to many soils and climates.
Cumberland. A seedling crossed with Greensboro. This fine, oval, white-fleshed, almost freestone peach is larger than Belle, and 5 days earlier than Carman.
Early Elberta. Ripens about a week earlier than Elberta, but otherwise is very similar.
Elberta. Large, yellow with red cheek; flesh vellow, firm, juicy, of high quality. Exceedingly prolific, sure bearer and hardy. The most widely planted and most popular market peach. September 15 th.
Gold Drop. Medium size, hardy, very productive, refreshing quality, early bearer. Its transparent goiden skin and flesh make one of the handsomest of all peaches.
Golden Jubilee. A choice recent introduction by the New Jersey Experiment Station. Tree habits and fruit resemble Elberta; but fruit ripens three weeks earlier. The skin is yellow with red blush; flesh golden yellow, juicy, tender, sweet, and freestone.
Hale-Haven. A large new yellow freestone; developed at Michigan Experimental Station, by crossing the two popular varieties, J. H. Hale and South Haven. Its high color, even before complete ripening, gives it great market value because of the advantage of premature picking, packing, and shipping without loss. September 1.
Heath Cling. Very large, flesh white, juicy, and melting. Good keeper and shipper. The oldest named American peach now under cultivation. Few varieties have larger and healthier trees.
J. H. Hale. A chaice variety, larger than Elberta, and five days earlier, with superior flavor. Color a beautiful golden yellow, with deep carmine blush. A good shipper.
Lemon Free. Lemon-shaped and lemon-colored, large size, immensely productive, superior canning quality. September.
Oriole. Notable as an early peach of high quality, ripening first week in August, one month earlier than Elberta. Begins to bear at three years of age. Fruit is roundish, medium to large, yellow color, yellow flesh, freestone.

Prolific. Tree exceptionally vigorous, hardy and very productive. Fruit of medium size golden yellow flesh, skin thick and firm Freestone. Ripens a week before Elberta.
Rio Oso Gem. Ripens about 10 days after 3. H. Hale, during that period when there are few good peaches on the market. This new peach has the extreme large size of J. H. Hale, is more highly colored, of finergrained texture firmer, and of better quality. Storrs $G$ Harrison lnc., is specially licensed by the patent owner, to graw and dis tribute this fine new yellow free stone peach; but to eight states only, viz: Ohio, Indiana, Illinois Michigan, lowa, Minnesota, MisWisconsin 4 ft . and up

Each 75c; $10 \$ 6.00 ; 100 \$ 50.00$ $1-4 \mathrm{ft}$.

Each 65c; $10 \$ 5.00 ; 100 \$ 40.00$ -3 ft.
Each 60c; $10 \$ 4.50 ; 100 \$ 35.00$
Rochester. Freestone. Early midseason. Color lemon-yellow changing to orange-yellow, blushed with deep, dark red. Skin thick, tough. Flesh yellow stained with red near the pit. Very juicy, tender and melting. Sweet. Highly flavored. Very good in quality. August and September
Salberta. The aeneral character and quality of Elberta with Salwey's more profitable two weeks later picking.
Salwey. Large, creamy yellow, juicy rich, sweet, one of the best sorts for canning
Shippers" Late Red. A new peach of large round shape, beautifully surfaced with red; tenacious. Flesh yellow, sweet, juicy, and of pleasing flavor. Ripens one week after El
South Haven. Immediately preceding Elberta, it is better than average size, globu!ar, prolific, with dedendyellow, juicy and delicious; cheek yellow with one red blotch.
Vedette. A new Ontario peach, on vigorous, hardy and very productive trees. Fruits round, medium size, attractive; flesh yellow, coarse, fairly firm, of excellent quality. Late August.
Veteran. (New.) Another Elberta type, more globular; large, yellow, free, of much superior quality About September 5th.
Williams Cling. One of the most prof itable clingstones. September.
Wilma. The fruit is large as Elberta, its parent, but not quite so elongated; ripens about 10 days later. A splendid new variety, hardy; freestone.
Yellow St. John. One of the earliest yellow peaches, ripening August 18 th. Freestone fruit of medium size and excellent quality highly flavored.

## APRICOTS

3-4 tt., Each 60c; Ten \$5.00; 100, \$40.00 $4-5$ tt., Each 65 c ; Ten $\$ 5.50,100, \$ 45.00$ Apricots are a fruit not commonly used by the home owner or the average orchardist, yef with proper care they are as hardy and productive as peaches. They will add prestige to your garden, and the bright yellow, sweet flavored fruit will be a delight
Trees should be planted in a northern or exposed situation to prevent too early blooming. They ripen between cherries and peaches. Alexander. Early, freestone, Russian variety. Fruit medium to large, orange-yellow spotted with red, very good taste. Tree is a good bearer. First of July
Early Goiden. Small, pale orange, juicy and sweet. Very good quality; freestone, July 15. Hungaria's Best. Original tree of this variety has not failed in bearing throughout a long period of years, thus insuring us of its hardiness. Valuable to us of the north, who appreciate growing our own apricots. Tree grows to unusually large size, the fruit large and of good quality, beautifully colored a deep yellow, with yellow flesh; very fine flavor. Plant trees 25 to 30 feet apart Moorpark. The fruit has long been the standard of excellence in both appearance and quality; large, yellow with red cheek, brown and red dots.
Superb. A Russian variety. Hardy and sure crop. The best flavored, most productive Russian. Medium size, light salmon color


## BEARING SIZE PEAR TREES

Big, husky pear trees, 2 to 3 inches in caliper and from 10 to 12 feet in height are available and from for transplanting this spring. Just think of the for transplanting this spring. Just think of the time you can save by plant of the yard you want to bedutify and that corner of the yard you want to bedutify and still put to practical use, or-there may be re placements necessary in the orchard where these big fellows will just fill the bill.


2-2 $1 / 2$ inch caliper
$\$ 3.50$

THREE-YEAR-OLD APPLE AND PEAR
Each year a number of our customers ask for fruit trees that are older and larger than the fruit trees that are older and larger than the is usually supplied. To meet this demand we is usually supplied. To meet erovided a limited number of three-yearhave provided a limited number of three-yearolds, in all popular varieties of
which we can supply as follows:
3-yr. Apple, $1-11 / 2$-inch caliper
3 -yr., Pear, $1-11 / 2$-inch caliper
$\$ 1.25$
1.25

## Cherry $\mathcal{C}_{\text {rees }}$

The compact shapeliness of cherry trees, their glossy foliage, and spring glory of clustered blossoms, gives them ornamental value even in the lawn.

The trees are naturally hardy, succeeding best on sandy or gravelly loam, well drained. Avoid low or wet ground. Sweet varieties grow more rapidly and make larger pyramidal trees. ties are dwarf and bushy bear earlier, and are ties are dwarf and bushy, largely planted. Set trees 15 to 18 feet more

## SOUR CHERRIES

$11 / 16$ in. cal.. 4-5 ft.,
Each 80c; Ten $\$ 7.50 ; 100, \$ 65.00$ $9 / 16$ in. cal., 3-4 ft.,

Each 70c; Ten \$6.50; 100, $\$ 55.00$ Early Richmond. Vigorous and healthy, earliest of sour cherries. Fruit is medium size, dark red with pale yellow flesh, hangs on tree over a long period. A dependab
English Morello. Fair size, blackish red, rich English Morello. Fair size, blackish red, rich acid, juicy, considered best for canning and preserves
Large Monfmorency. Large, red, firm, yellow to reddish flesh, abundantly productive, ten days later than Early Richmond. Fruit stands handling, best sour for commercial purposes. May Duke. Following Early Richmond, but ripening irregularly over a considerable length of time. Large fruit, red, juicy, ocid and of excellent quality. June.

## SWEET CHERRIES

11/16 in. cal., 5-7 ft.
Each 80c; Ten $\$ 7.50 ; 100, \$ 65.00$ Each cal., 4-5 ft.
Each 70c; Ten $\$ 6.50 ; 100, \$ 55.00$ Bing. The large and savory fruit of this variety is of highest quality and particularly handsome, dark red with firm, very brittle, sweet flesh. It ripens early in July.
Black Tartarian. A very large, black, juicy, rich fruit. A robust, disease resisting tree. The best of the early sweet cherries for home use and local market. Late June.
Gov. Wood. Bears enormous quantities of medium size pinkish yellow fruit; sweet and juicy. A sound, hardy tree. June.
Lambert. Fruit jet black when fully ripe. Flesh firm, solid, rich and juicy. Tree rugged, strong grower, hardy, enormous bearer Should be planted with Black Tartarian Schmidt or Windsor for effective pollination.
Napoleon. QUEEN ANNE. Large, pale yellow. almost white, with at least one red cheek; firm, juicy, sweet and productive. A choice canning variety, holding firm and beautiful behind glass, and delicious for dessert use. July.
Schmidt. Well known for its fruit of immense size, it takes a high place among the better varieties. A deep, purplish black color, with sweet, dark colored flesh. July.
Windsor. Fruit large, very dark red, flesh remarkably firm and of fine quality. Tree hardy and prolific. A valuable late variety. July.
Yellow Spanish. Large, yellow with red blush. One of the oldest grown, proving its lasting superiority. Consistent yearly yield of large, bright amber-yellow fruit with tender but bright amber-yel
firm flesh. June.
$\mathcal{P}_{\text {ear }} \mathcal{Q}_{\text {rees }}$
Prices: ${ }^{5-7} 4.5$ tit, Each 70c; Ten $56.00 ; 100,{ }^{55500}$
Will grow in almost any good soil and require very little care after planting. No fruit compares with pears for range in flavor, nor is there any more popular fruit for salads and desserts. Pears are picked while still hard and ripen in the house. Plant 18 to 20 feet apart for orchards.
Anjou. Large, buttery, melting, rich, vinous. Flemish Beauty. Large, juicy, rich; one of the Late fall and early winter váriety.
Bartlett. Large, clear yellow blushed, juicy fruit, high flavored. A great bearer, very popular both for eating out of the hand and for canning. Trees vigorous, long lived and thrifty. August and September.
Beurre Bosc. Fine'st quality late fall and winter variety, Large, long and tapering; russet; good shipper, brings highest market price.
A vigorous grower. November and December.
Cayuga. Derived from Seckel, resembling its parent in shape, color and delectable sweet flavor. Size compares with Bartlett. Flesh flavor. Size compares with grained quite to the center.
clapp. Very large, yellow and dull red, with Clapp. Very large, yellow and dull red
russet specks. Melting, rich. August.
Conference. An English pear of high merit, a recent introduction. Fruits average $31 / 2$ by $21 / 2$ inches, the skin beautiful greenish yellow with russet markings. Flesh fine grained, white, very juicy, with rich flavor. Cellar storage keeps into November
Douglas. A recent introduction of supreme value to fruit growers, because it is "blightproof" and "frost-proof." The fruit is large, roundish, smooth, attractive. Its thin but protective skin is golden yellow flecked with russet, and thickly blushed scarlet on the sunny side. Flesh whitish, fine grained.
Duchess of (Angouleme). Very large buttery, rich, juicy; attracts attention because of its enormous size and high qual-
size and high qual-
ity. Pick them be-
ity. Pick them be-
fore maturity, wrap fore maturity, wrap
in tissue paper, and in tissue paper
pack away for complete ripening. October and
November. hardiest trees and most enjoyable fruits. September-October.
Garber. One of the Japan Hybrids; hardy, productive, early bearer. September-October.
Gorham. Recently introduced by the New York Experimental Station. Of Bartlett type and form, ripening two weeks earlier, but keeping a month longer. Smooth, fine russet skin; rich flavor and pleasing aroma.
Howell. Large, yellow, with red chere, rich, sweet, melting, early bearer, productive. September-October.
Kieffer. Large size, handsome appearance, and remarkable keeping and shipping qualities. October-November
Lawrence. Medium yellow with brown dots, melting, pleasant, aromatic. NovemberDecember.
Lincoln. Shape and general character favoring Bartlett. Hardy, blight resistant, early bearing, ripening in late summer. Equally popular for eating out of hand and for canning.
Rossney. Large fruits; creamy skin and crimson blush; flesh melting.
Seckel. It has the added virtue of being nearly blight-proof, although not large; most attractive and of richest and highest flavor. Skin yellowish brown with brownish red cheek: flesh fine grained. September-October.
Sheldon. Medium sized, yellow, with a richly shaded cheek; flesh a little coarse, melting, juicy, with a very brisk, vinous, highly aro juicy, with a very brisk, vinous, highly
Tyson. Medium size, early, flesh juicy, with a spicy scented sweetness which gives it indispicy scented sweetness which gives it indi-
viduality. Keeps long and ships well. August.
Cope's Seedless Pear. U. S. Plant Patent applied for. An early, large fruited new pear of Bartlett character and choicest quality; without core or seeds. The flesh of best character, ripening firm throughout. Fruit smoothly surfaced, uniform throughout. No seeds, no core
5.7 ft., Each $\$ 1.95$; Ten $\$ 17.00$
$4.5 \mathrm{ft}$. , Each $\$ 1.25$; Ten $\$ 11.50$

## DWARF PEARS

Set trees 12 feet apart each way.
Where space is ot $d$ premium or where a miniature garden containing many items is desired, the Dwarf Pears have much to offer Dwarf trees make miniature standard trees when left to grow naturally or they may be pruned into interesting shapes or trained on walls as espaliers. The dwarfing does not affect the production of fruit except possibly to make the tree bear younger.

2-yr. trees, 5/8-in. caliper, 4 ft . and up,
Each \$2.00: Ten \$18.00
The following varieties are available
Bartletí
Beurre d'Aniou Kieffer
Clapp Favorite Seckel
Duchess d'Angouleme Worden-Seckel
Flemish Beauty
QUINCE
Set trees 10 to 12 feet apart. A gnarled and rugged looking small tree, attractive in flower, very useful as an ornamental as well as for its valued fruit. 75 c; Ten $\$ 7.00 ; 100, \$ 60.00$
Champion. Largest fruit, tender, good quality. Keeps well and ships well. Mid-season.
Orange. Bearing large, tender, yellow fruit. A strong, productive tree. Late autumn.

## Plums

## American and European Varieties.

Plum trees are often used as ornamental trees os well as for their fruit. They bear young and thrive in almost any soil. To assure fruiting plant at least two trees of different varieties for cross-pollenization; Japanese interplanted with Japanese, and European with European varieties.

5-7 ft., Each 80c; Ten \$7.50; 100, $\$ 65.00$ 4-5 ft., Each 70c; Ten $\$ 6.00$; 100, $\$ 50.00$ Bavay. GREEN GAGE, "REINE CLAUDE." Very large greenish color; fine flavor. September. Bradshaw. Large, dark red, flesh green, juicy. Trees large, well formed, bear regularly and heavily. Semi-freestone. August.
Diomond. Enormous size, dark purple with a beautiful bloom. September.
French Damson. Average size, roundish oval seed small; fruit blue, excellent quality.
German Prune. Large, dark purple, sweet, good

One of the most desirable and popular for
canning; and one of the oldest; grown all ov
canning; and one of the oldest; grown all over the world. September Grand Duke. Very large, fine quality, dark red, excellent variety for the last of the season, very popular for cooking. Abundant fruit, holds on tree in good condition for a long time. Last of September.
Imperial Epineuse. Its tender meat, sweet and rich flavored, together with its large size make it a favorite for any use. A fine market fruit. September 10.
Imperial Gage. Large, pale green, juicy, sweet, rich and excellent August.
Italian Prune. Good size, purple, juicy, delicious, fine for drying. September.
Lombard. Medium, violet-red, sweet, rich flavored, hardy and productive; the leading market variety, because of appearance and quality, good for canning, preserving and spicing. September 14th,
Monarch. Very large, oval, purplish blue freestone fruit, pleasantly tart. A heavy late producer. September 20th.
Moore's Arctic. Grows in large clusters; large, dark purple; flesh very fine; splendid for preserving and dessert; tree vigorous and prolific fruit is a long keeper. September.
Shipper's Pride. Large, dark purple; often measures two inches in diameter; flavor tart and mild. September
Shropshire Damson. Late, medium size, dark purple; flavor tart; the popular old-fashioned Damson variety. September
Stanley. A new hybrid between Agen and the giant Grand Duke. A good cropper it has already become popular both as a commercial item and in the home orchard. Of good plump size in typical elongated prune form: dark blue with a thick bloom. The flesh is fine grained and juicy, sweet, and unique, pleasant flavor to eat from the hand. For canning, it requires only about half the usual amount of sugar. Sepember '12th.
Yellow Egg. Largest of yellow Plums. Handsome fruit for market and excellent for cooking. September 12 th

## JAPAN OR ORIENTAL PLUMS

Japan Plums are strong, quick-growing and adapted to all kinds of soils; extra hardy, early and sure croppers.

5-7 ft., Each 80c; Ten \$7.50; 100, \$65.00 $4-5 \mathrm{ft}$. Each 70 c ; Ten $\$ 6.00$; 100, $\$ 50.00$
Burbank. Fruit round, excellent; cherry-red with lilac bloom. Tree low sprawling, productive; bears young, a week later than Abundance.
Abundance. BOTAN. Hardy and productive, bearing an early, annual and profuse crop of large, pinkish red fruit, with heavy bloom; good quality. August
Red June. Distinguished for its true heart-shaped fruit; color mottled vermilion-red. Large, hardy, vigorous trees. Needs cross-pollenization. August.
Victory. A new Japanese variety; upright, spreading, and thrifty. Fruit attractive, unusually large, distinctly pointed, with dark red flesh of excellent quality; ripens unevenly, so that the picking season is desirably prolonged.
Wickson. The largest of all Plums, reddish color with white bloom, different and pleasant flavor. Tree is narrow and upright, hardy only where peaches can be grown. Best known of Burbank's many Plums. September.


Downing Gooseberries

# Small $\mathscr{F}_{\text {ruits }}$ 

## BLACKBERRIES

Blackberry Prices:
Mail, Postpaid, 10, 85c; 100, \$5.00 Express or Freight Collect, 10, 60c; 100, \$4.25; $1000 \$ 30.00$

Plant rows 6 feet apart, 3 to 5 feet in the row. Pinch canes back when they have reached 4 feet in height
Blowers. Claimed to be the hardiest and most productive. Large size iet black, good shipper, best quality.
Early Harvest. Needs winter protection in the North. Dwarf grower, enormous bearer, very eariy. Particularly good for the South.
Eldorado. Hardy; berries large, jet black, borne in large clusters, and ripen well together; they are sweet, melting and pleasing to the taste; have no hard core, and keep 8 or 10 days after picking with quality unimpaired.
Mersereau. Strong grower; upright, stout, stocky canes. An enormous producer of extra size berries which are brilliant black and retain their color under all conditions; sweet, rich, melting, without core.
Snyder. Enormously productive, medium sweet, the leading variety for hardiness.

## BOYSENBERRY

The mammoth maroon fruit with a "different" flavor. The first time you taste Boysenberries you'll exclaim, as does everyone else: "They are you taste Boysenberries you li exclaim, "as does everyone else. Thes are just "oozing" with rich, tempting, tangy, sweet juiciness! Combination just oozing whery, of raspberry, dewberry and loganberry tlavors. Marvelous for fresh pies juices, wine, jelly, fam, preserves, etc. Ripen before Plant this spring.

Boysenberry Prices:
Mail, Postpaid, 10, \$1.15; 100, \$7.00
Express or Freight Collect, 10, 90c; 100, $\$ 6.50 ; 1000, \$ 55.00$

## CURRANTS——RIBES

Hardy, easily cultivated; popular for table use, jellies, etc. Set 4 feet apart in rich ground; cultivate well and prune out old wood. Dust with hellebore for worms.


## GOOSEBERRIES

Set 3 to 4 feet apart, in good rich soil, and give a liberal dressing of manure every season. Regular pruning every year is essential. To premant mildew spray bushes as soon as leoves appear and several times during the summer with potassium sulphide (liver of sulphur)-1 ounce during the summer
to 4 gallons of water.

Price of all Gooseberries, 2-yr.:
Mail, Postpaid, 3, \$1.10; 10, \$2.75
Express or Freight Collect, 3, 90 c; 10, $\$ 2.50 ; 100$ \$ 18.00
Downing. Large, pale green, of splendid quality for both cooking and table use; bush vigorous and usually free from mildew.
Houghton. Small to medium; roundish, oval, pale red, sweet, tender very good.
Josselyn. Large sized, smooth, prolific and hardy, red berries of best quality. The freest from mildew.
All Fru't Trees are sent by Express or Freight Collect
5 to 24 are sold at the 10 rate. 25 and up are sold at the 100 rate.


## Fardy Grapes

## WHITE GRAPES



Green Mountain. An excellent early variety from Vermont. Skin thin
pulp tender and sweet, quality superb
Niagara. Bunch and berries large, yellowish white; prolific. The stand-
Portland. A recently introduced white Grape from New York; claimed to be the very earliest Grape.

BLUE OR BLACK GRAPES
By Mail, Postpaid Express or Freight Collect
 Each
$\$ 0.25$
Beta. 2-yr. $\begin{array}{rrrr}.30 & \$ 1.75 & \$ 10.00 & \\ 25 & 1.75 & 10.00 & 90.00 \\ 35 & 1.25 & 7.50 & 60.00\end{array}$ Concord. 2-yr.
redonia. 2-yr
Moore's Early. 2 - -yr
Woores Early.

| 2-y |
| :--- |
|  |

eta. The hardiest known variety for Minnesota and Wisconsin; very
early, ripening there before frosts. Medium size, juicy, high acidity.

Campbell's Early. Sweet and juicy, seeds few and small, very early.
Concord. The standard black. October 1 st
Fredonia. Blue-black, covered with heavy bloom, about same season as Moore's Early. Good commercial quality. Vines vigorous and pro ductive.
King. Ripening between Worden and Concord, is hardy; fruit much larger, clusters larger and more compoct. The pulp is more tender
flavor more sprightly, seeds fewer
Moore's Early. Bunch and berry large; desirable for earliness.
Worden. Larger, sweeter and earlier than Concord.

## GRAPES-RED OR AMBER

| Mail postpaid |  |  |
| :---: | :---: | :---: |
| Each | 10 | 100 |

......... . $\$ 0.25$
Agawam.
Brighton.
2
Caco. 2-yr.
$\begin{array}{rr}\$ 1.75 & \$ 10.00 \\ 1.75 & 10.00 \\ 2.50 & 20.00 \\ 1.75 & 10.00 \\ 1.75 & 10.00\end{array}$
$\begin{array}{llllll}\text { Catawba. 2-yr. ........................ } & 30 & 1.75 & 10.00 & 90.00 \\ \text { Salem. } 2 \text {-yr. . . . . . . } & 1.75 & 10.00 & 90.00\end{array}$
Agawam. Very large, with thick skin, sweet and sprightly.
Brighton. Bunches large, excellent flavor and quality; early.
Caco. Fruit very large on handsome complete bunches; a rich wine-red Exceptionally early Its flavor is luscious and sweet
Catawba Large, dark copper, rich musky flavor; late.
Salem. Large, sweet, thin skin; ripens first of September

# Raspberries 

## BLACK RASPBERRIES

|  | By Mail, Postpaid | Express | r Freight | Collect |
| :---: | :---: | :---: | :---: | :---: |
| Cumberland | $10 \quad 100$ | 10 | 100 | 10 |
|  | . 80 | . 60 | \$3.50 | \$24.00 |
| New Logan | . 804.00 | . 60 | 3.50 | 24.00 |

Cumberland Healthy vigorous throwing up stout stocky well-branched canes that produce immense crops. Fruits very profitable; large and firm. Midseason.
New Logan. (The earliest Biackcap known.) Of Ohio origin, this new Blackcap has gained much favor among berry growers. Its quality and productiveness are excellent, but its paramount value lies in and productiveness are excellent, but its paramount value lies in Highly resistant to all Black Raspberry diseases.

## PURPLE RASPBERRIES

## Mail, Postpaid Express or Freight Collect

| ${ }^{\text {Sodur }}$ |
| :---: |
|  |  |

Marion ...............00 $\quad 5.50 \quad .75 \quad 5.00 \quad \$ 40.00$
Sodus. A new Purple Rospberry, extro large, of medium purple color, sprightly and of excellent quality, ripenirig shortly after Latham. Resistant to drought and practically immune to mosaic disease. Vigorous very productive and hardy.
Marion. New. Berries are very large, moderately juicy, firm, tart and good quality. About a week later than Sodus. Plants are vigorous, hardy, bear heavy crops.

Chief
Cuthbert
Indian Summer
Latham
Marcy
Newburgh
St. Regis
$\begin{array}{llllll}\text { Chief A Minnesota } & .95 & 5.00 & .70 & 4.50 & 35.00 \\ \text { Chiser }\end{array}$ Mief. A Minnesota variety derived from Latham. Chief will not rival Latham, but supplements it by ripening 10 days earlier. In fact,
Chief fills the gap for fresh table fruit between strawberries and other Chief fills the gap for fresh table fruit between strawberries and other
Raspberries. Bright red, "no crumbling," ships well, tastes delicious, and pays dividends with extraordinary crops.
Cuthbert. Very large, conical berries, measuring 3 inches around, so firm they can be shipped hundreds of miles by rail and arrive in good condition; flavor is sweet, rich and luscious.
Indan Summer. (New.) Best of the so-called "everbearing" Raspberries, first popularized by St. Regis. Sturdy canes bear abundant crops, first in June about the time of Chief; then again in September, bearing ip to the first frosts. The medium red berries are large, slightly irregular, inclined to crumble, soft and luscious to the taste. Not sufficiently firm for far shipping, but very good for local market, and for vastly enjoyable home garden use.
Latham. Perfectly hardy, withstanding Manitoba winters without protection. Production superlative. The berries large and round with profitable shipping firmness. A rich brilliant red, an eyecatcher on market stands, a delightful table feature, a perfect canned exhibit.
Marcy. The individual berry is very large, rong-conic, firm, thick fleshed, medium red with a bright gloss; mild in flavor and of very good quality. The plants are tall and sturdy, needing no support, bearing great quantities of fruit out in the open to be easily picked.
Newburgh. A new variety, Newburgh is a vigorous grower, hardy and productive. Its berries are large and do not crumble; of attractive high color; in quality somewhat superior to Latham, which it precedes by a few days. Excellent keeper and shipper
St. Regis (Ranere). Commences to ripen with the earliest and continues on young canes until October, many quarts often being picked after the first snow falls. Berries bright crimson, large size, rich, sugary Taylor. The New York Test Reports claim this 1935 introduction to be the most promising new red Raspberry." Good bright red color; of long-conical shape, and extreme size. Ripens before Latham, and holds up well during a long season, producing tremendous crops.

## YELLOW RASPBERRIES

Golden Queen
Mail, Postpaid, $10 \$ 1.00 ; 100 \$ 5.50$
Express or Freight Collect, $1075 \mathrm{c} ; 100 \$ 5.00 ; 1000 \$ 40.00$
Golden Queen. A beautiful golden Yellow Raspberry. Fruit is large quality first class and very productive. Flavor rich, sugary-sweet and luscious. Canes are hardy, upright, and almost thorn free.

## Strawberries

(E) Early. (M) Mid-season. (L) Late.

Blakemore (E). Originated and recommendeo by the U.S. Department of Agriculture. Berries bluntly conic, good market size rarely white-tipped, with solid center, small seeds, firm flesh, tough skin. Excellent flavor, aromatic, acid, with high pectin or gelatinizing content. The color is glossy light red developing quite evenly on both upper and lower sides, only slightly changed by holding or canning. Prefers the heavier types of soil.
Catskill (M). A thoroughly tested New York variety, adopted in 17 middle and northern states. It is so productive it needs thinning. Very large fruits; light red from first to last. The quality is excellent
Clermont (E). A new cross between Marshall and Premier; exceptionally well adapted to heavy soil. The very large fruits are regular, glossy, and ship well. Quality is excellent. Not recommended south of Pennsylvanio.
Cresco (ME). Between Premier and Dunlap. A cross between the two, it retains the rich color and flavor of Dunlap, with the large size of Premier. Solid red to the center and fruit colors evenly. Adapted to all kinds of soil and able to withstand severe winters and dry summers. Reported free from yellows. Good for canning and shipping.
Dorsett. This new introduction has taken the Atlantic berry growers by storm, and is be coming one of the most popular and respected in the middle west. Its fruiting season is early and profitably continuous yielding bumper crops which bring instant market acceptance at the very top price. The berry is uniformly large, full, elongated with rounded extremity. The color is an attractive pinkish red, unusual flavor, mild sub-acid. It does exceptionally well on heavy soil, and surpasses other varieties for sweet ness during prolonged rainy season.

|  | $2^{\text {Mail }}$ |  | ${ }^{\text {id }}$ | Express Collect |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Blakemore | 25 $\$ 0.60$ | 50 $\$ 1.00$ | 100 $\$ 1.50$ | $\$ 25$ | 50 $\$ 0.70$ | 100 $\$ 1.00$ | $\begin{array}{r} 1000 \\ \$ 6.00 \end{array}$ |
| Catskill | . 70 | 1.10 | 1.60 | . 50 | . 80 | 1.10 | 6.50 |
| Clermont | . 70 | 1.10 | 1.60 | . 50 | . 80 | 1.10 | 6.50 |
| Cresco | . 55 | . 95 | 1.45 | . 35 | . 65 | . 95 | 5.75 |
| Dorsett | . 70 | 1.10 | 1.60 | . 50 | . 80 | 1.10 | 6.50 |
| Fairfax | . 70 | 1.10 | 1.60 | . 50 | . 80 | 1.10 | 6.50 |
| Gem | . 75 | 1.30 | 1.90 | . 55 | 1.00 | 1.40 | 8.00 |
| Gibson | . 60 | 1.00 | 1.50 | . 40 | . 70 | 1.00 | 6.00 |
| Good Strike | . 75 | 1.30 | 1.90 | . 55 | 1.00 | 1.40 | 8.00 |
| Heburn | 1.10 | 1.80 | 1.90 | . 90 | 1.50 | 2.40 | 15.00 |
| Mastodon | 95 | 1.55 | 2.50 | . 75 | 1.25 | 2.00 | 12.50 |
| Premier | . 70 | 1.10 | 1.60 | . 50 | . 80 | 1.10 | 6.50 |
| Red Gold | . 55 | 95 | 1.45 | . 35 | . 65 | . 95 | 5.75 |
| Senator Dunlap | . 60 | 1.00 | 1.50 | . 40 | . 70 | 1.00 | 6.00 |
| Wayzata | 1.70 | 2.80 | 4.50 | 1.50 | 2.50 | 4.00 | 25.00 |
| William Belt | . 60 | 1.00 | 150 | . 40 | . 70 | 1.00 | 6.00 |

Fairfax. Another new kind which runs with Dorsett; in many ways similar, but with sufficient differences to warrant growing both. It produce's a heavy crop of berries better than average size, deeply conical in shape, a more brilliant red than Dorsett and of firmer texture; season about the same. The flavor is sweetly luscious and creates a demand for more.

Gem. The newest important introduction in the "everbearing" group, and by all reports creates a greater usefulness and value to that class. It is credited with bearing within 60 days after the normal spring planting; carrying on during the summer, with an immense fall crop, ending only with the first frosts. Sparkling glossy red fruits uniformly large, that carry and keep better than others, due to the tough skin and unusual firmness of its flesh. The flavor is fine. Three crops-big ones-spring, summer and fall. What more can you ask of a strawberry?

Gibson (M). Strong grower with good roots and abundant foliage, exceedingly productive Berries extra large, chaice flavor, dark glossy red clear through, follows Premier

Good Strike. New everbearing. A good shipper, growing well in all northern states. Quality excellent and attractive.
Heburn. Fruit is bright glossy red, flavor is delicious; strong, heavy stems which hold their fruit well above the soil. A good yielder and will do well in northern states. Ripens late, which puts it past late spring frosts.
Mastodon. For a number of years Mastodon has had a clear field, safely outranking all predecessors. Despite certain keen recent competition by newer introductions, Mastodon remains a top notch everbearer. It is of immendse size, an almost incredible cropper of choice quality, and the strongest rower ever developed More productive than grower eve beares, its fall pickines are sufficient from but a few plants, and very profitable.
Premier. Of smooth evenly conical form, and large; its color the commanding glossy red which sells on sight, aided artistically by the cap which remains green after picking. Quality unsurpassed; production greatest of all earlies; plant vigorous, healthy, strongly reproductive.

Red Gold. This re markable new varety originated the west, is both resistant. Ripens earlier than Premier. Extra large brilliant red berries. Flesh tender A fancy table berry. Plant deep booting and ex tra strong.
Senator Dunlap ( $E$ )
Rampant runner should be restricted in production of plants. Fruit good size, beautiful bright red, glossy; firm splendid keeper.
Wayzata. (New.) Here is another introduction which is hailed by growers in the great Michigan Straw berry Belt as the best "everbearer" of them all Would you, too, care to try it out and judge its merits? The berries are large, uniform, dark red and very sweet.
Wm. Belt (M). Vigorous, thrifty, heavy plant, producing iarge crops under good common matted row culture. Berries extra large, conical, quite uniform in shape, brilliant glossy red.

## Garden Roots 

|  | Mail, Postpaid |  | Express or Freight Collect |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Linnaeus | \$0.75 | \$1.75 | \$0.50 | \$1.25 | \$6.90 |
| Ruby | 1.00 | 2.00 | . 75 | 1.50 | 9.00 |
| Flare | 1.00 | 2.00 | . 75 | 1.50 | 9.00 |

Linnaeus. Large, early, tender and fine. The old reliable pie kind. Can the surplus for winter use; it comes in handy for pies of summer freshness.
Ruby. A Canadian introduction, ruby-red, low acidity.
Flare. A choice new kind, red, well worth trying.

## ASPARAGUS

| Mail Postpaid | Express or Freight Collect |  |  |  |
| ---: | ---: | ---: | ---: | ---: |
| $\mathbf{2 5}$ | 100 | 25 | 100 | 1000 |
| $\$ 1.00$ | $\$ 2.50$ | $\$ 0.80$ | $\$ 1.95$ | $\$ 10.50$ |
| 70 | 2.00 | 55 | 1.50 |  |

2 yr.

| .. .70 | 2.00 | .55 |
| :--- | :--- | :--- |
| .00 |  |  |

Martha Washington. A new rust-resistant Asparagus. For the home or market; it stands ahead of all others in size, vigor, tenderness, quality and rust-resistance.
Mary Washington. Same family and character, equally rust-resistant but somewhat earlier and larger, with stalks inclined to oval shape

## HORSERADISH

Maliner Kren. A cultivated strain of profitable productivity. Make no mistake, this variety bites.

By mail, postpaid: 10 for 50c; $\$ 3.00$ per 100

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